

UNSER PRODUKTPORTFOLIO

| Ton-Qualität<br>(Clay Quality)                                      |                                | FW 335               | JBK+                 | 1038                 | 7030                 | 4026                 | 1022 CW              | 5622                 | 720                  | 4022                 | 1022 W               | 330                  | 230                  | 318                  | 918                  | 4016 W               | 9113 W               | MTP 8                | W 810            | K 60             | 912              | M35            | LM 230         | TTG                   | TT 30                 | GM II                 | 6061 HP               | LYP 17                | TOM 15                | GKG 15                | 9023 RS      | 8024 R       | OL 22 R      | 1539         |
|---------------------------------------------------------------------|--------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------|------------------|------------------|----------------|----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------|--------------|--------------|--------------|
| Chemische Analyse %<br>(Chemical Analysis)<br>geglüht<br>(calcined) | SiO <sub>2</sub>               | 58,08                | 61,63                | 67,20                | 69,87                | 66,92                | 66,78                | 68,85                | 70,94                | 70,79                | 66,78                | 73,13                | 73,90                | 75,46                | 77,82                | 79,19                | 81,31                | 92,02                | 60,00            | 64,21            | 79,64            | 62,67          | 69,45          | 54,10                 | 59,70                 | 69,10                 | 70,15                 | 75,40                 | 75,69                 | 80,02                 | 59,98        | 61,57        | 62,52        | 60,36        |
|                                                                     | TiO <sub>2</sub>               | 2,04                 | 1,32                 | 0,17                 | 0,67                 | 1,25                 | 2,66                 | 1,36                 | 1,31                 | 1,23                 | 1,13                 | 1,21                 | 1,35                 | 1,73                 | 1,80                 | 0,92                 | 1,12                 | 2,26                 | 1,34             | 1,20             | 1,70             | 2,10           | 1,26           | 3,90                  | 3,00                  | 1,71                  | 1,06                  | 2,35                  | 3,09                  | 1,08                  | 0,98         | 0,88         | 1,02         | 1,28         |
|                                                                     | Al <sub>2</sub> O <sub>3</sub> | 34,34                | 33,79                | 31,60                | 28,33                | 26,30                | 26,14                | 24,80                | 23,60                | 22,80                | 22,70                | 21,30                | 21,00                | 19,44                | 18,50                | 16,36                | 14,05                | 4,63                 | 32,23            | 26,03            | 15,60            | 28,05          | 20,89          | 37,00                 | 32,30                 | 22,76                 | 22,13                 | 17,71                 | 14,95                 | 14,28                 | 24,57        | 23,86        | 23,48        | 22,84        |
|                                                                     | Fe <sub>2</sub> O <sub>3</sub> | 1,39                 | 2,36                 | 0,35                 | 0,66                 | 1,28                 | 0,89                 | 1,68                 | 0,80                 | 1,06                 | 0,65                 | 1,10                 | 0,70                 | 0,55                 | 0,66                 | 0,88                 | 1,05                 | 0,45                 | 1,25             | 4,63             | 1,20             | 3,60           | 4,13           | 2,90                  | 2,40                  | 3,75                  | 2,67                  | 1,90                  | 4,72                  | 1,82                  | 9,95         | 9,92         | 5,85         | 11,34        |
|                                                                     | CaO                            | 0,54                 | 0,23                 | 0,16                 | 0,08                 | 0,20                 | 0,09                 | 0,24                 | 0,12                 | 0,15                 | 0,02                 | 0,21                 | 0,20                 | 0,20                 | 0,14                 | 0,18                 | 0,14                 | 0,10                 | 0,31             | 0,22             | 0,15             | 0,24           | 0,20           | 0,70                  | 0,50                  | 0,47                  | 0,73                  | 0,33                  | 0,33                  | 0,31                  | 0,11         | 0,22         | 0,21         | 0,36         |
|                                                                     | MgO                            | 0,62                 | 0,11                 | 0,22                 | 0,05                 | 0,48                 | 0,71                 | 0,33                 | 0,29                 | 0,46                 | 1,07                 | 0,44                 | 0,30                 | 0,23                 | 0,16                 | 0,31                 | 0,25                 | 0,01                 | 0,72             | 0,77             | 0,35             | 0,46           | 0,34           | 0,60                  | 0,60                  | 0,61                  | 0,64                  | 0,35                  | 0,42                  | 0,46                  | 0,33         | 0,55         | 0,83         | 0,66         |
|                                                                     | K <sub>2</sub> O               | 2,69                 | 0,56                 | 0,24                 | 0,27                 | 3,41                 | 2,55                 | 2,66                 | 2,64                 | 3,36                 | 3,69                 | 2,47                 | 2,20                 | 2,05                 | 0,80                 | 1,98                 | 2,06                 | 0,47                 | 3,78             | 2,89             | 1,20             | 2,58           | 2,48           | 0,70                  | 1,30                  | 1,45                  | 2,21                  | 1,88                  | 0,78                  | 1,87                  | 3,89         | 2,74         | 5,84         | 2,92         |
|                                                                     | Na <sub>2</sub> O              | 0,24                 | 0,01                 | 0,04                 | 0,06                 | 0,15                 | 0,11                 | 0,01                 | 0,29                 | 0,14                 | 0,05                 | 0,13                 | 0,30                 | 0,33                 | 0,11                 | 0,17                 | 0,01                 | 0,01                 | 0,36             | 0,02             | 0,15             | 0,29           | 0,38           | 0,10                  | 0,20                  | 0,14                  | 0,18                  | < 0,07                | 0,01                  | n.n.                  | 0,18         | 0,25         | 0,23         | 0,23         |
|                                                                     |                                |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                  |                  |                  |                |                |                       |                       |                       |                       |                       |                       |                       |              |              |              |              |
| Glühverlust<br>(Loss on ignition)                                   | %                              | 10,90                | 9,60                 | 10,20                | 7,60                 | 7,10                 | 7,20                 | 6,40                 | 6,30                 | 5,70                 | 6,10                 | 5,50                 | 5,80                 | 6,40                 | 4,60                 | 5,10                 | 4,20                 | 1,50                 | 8,70             | 13,90            | 4,80             | 8,20           | 5,50           | 13,50                 | 10,50                 | 7,80                  | 6,10                  | 4,80                  | 6,40                  | 5,40                  | 5,90         | 7,20         | 5,20         | 7,20         |
|                                                                     |                                |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                  |                  |                  |                |                |                       |                       |                       |                       |                       |                       |                       |              |              |              |              |
| Trockenbiegefestigkeit<br>(Drying transverse strength)              | N/mm2                          | 6,20                 | --,--                | --,--                | 2,20                 | 4,30                 | --,--                | 6,70                 | 5,10                 | 3,80                 | --,--                | 5,40                 | 4,20                 | 9,30                 | 4,20                 | 3,60                 | --,--                | --,--                | 5,80             | --,--            | 3,70             | 6,10           | --,--          | > 15,00               | > 15,00               | 9,20                  | 4,80                  | --,--                 | --,--                 | 3,60                  | 3,10         | 6,30         | --,--        | 7,10         |
|                                                                     |                                |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                  |                  |                  |                |                |                       |                       |                       |                       |                       |                       |                       |              |              |              |              |
| Korngrößenverteilung %<br>(Particle size distribution)              | > 63µm                         | 0,10                 | 20,50                | 0,20                 | 45,00                | 2,10                 | 30,70                | 2,70                 | 2,10                 | 1,70                 | 30,70                | 4,50                 | 3,50                 | 8,20                 | 0,90                 | 14,60                | 16,70                | 8,80                 | 0,60             | 19,75            | 4,20             | 1,10           | 14,60          | 0,10                  | 1,47                  | 3,50                  | 12,80                 | 3,90                  | 8,60                  | 23,10                 | 13,10        | 1,80         | 21,00        | 2,40         |
|                                                                     | < 10µm                         | 96,50                | 76,10                | 97,10                | 41,70                | 89,20                | 52,20                | 91,30                | 83,40                | 86,40                | 52,20                | 72,00                | 74,20                | 76,60                | 89,80                | 66,40                | 64,50                | 65,10                | 93,10            | --,--            | 84,30            | 88,50          | 64,60          | 99,90                 | 92,76                 | 89,20                 | 77,00                 | 79,20                 | 80,50                 | 72,20                 | 72,40        | 88,80        | 49,00        | 89,30        |
|                                                                     | < 2µm                          | 84,30                | 69,70                | 85,60                | 19,00                | 68,50                | 20,70                | 71,30                | 72,30                | 53,00                | 20,70                | 53,00                | 56,20                | 56,90                | 59,80                | 46,00                | 34,90                | 33,20                | 80,10            | --,--            | 54,90            | 69,70          | 45,90          | 95,70                 | 79,13                 | 78,50                 | 65,80                 | 58,70                 | 60,90                 | 67,20                 | 41,70        | 70,60        | 26,00        | 72,20        |
|                                                                     |                                |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                  |                  |                  |                |                |                       |                       |                       |                       |                       |                       |                       |              |              |              |              |
| Brennschwindung %<br>(Firing shrinkage)                             | 1050°C                         | 8,10                 | 2,10                 | 2,80                 | 0,40                 | 7,90                 | 1,40                 | 3,50                 | 3,00                 | 6,60                 | --,--                | 2,60                 | --,--                | 0,60                 | 1,50                 | 0,90                 | 0,30                 | 0,00                 | 6,90             | 4,90             | 1,50             | 6,00           | --,--          | 10,50                 | 7,10                  | 4,90                  | 7,20                  | 3,20                  | 3,70                  | 1,80                  | 4,20         | 5,70         | 3,50         | 5,80         |
|                                                                     | 1100°C                         | 9,20                 | 3,80                 | 2,90                 | 0,90                 | 8,40                 | 2,80                 | 6,00                 | 5,10                 | 7,00                 | --,--                | 4,50                 | 5,80                 | 1,60                 | 2,50                 | 1,60                 | 1,00                 | 0,50                 | 8,20             | 9,70             | 1,90             | 7,50           | 5,10           | 14,50                 | 9,40                  | 6,30                  | 7,90                  | 4,00                  | 3,80                  | 2,50                  | 4,60         | 7,20         | 5,10         | 7,20         |
|                                                                     | 1200°C                         | 11,40                | 8,20                 | 5,00                 | 1,60                 | 9,40                 | 5,70                 | --,--                | 6,40                 | 8,10                 | 5,70                 | 6,10                 | 7,20                 | 3,20                 | 4,00                 | 3,90                 | --,--                | --,--                | 10,10            | --,--            | 3,20             | 8,70           | 7,20           | 17,40                 | --,--                 | 7,90                  | 7,60                  | 6,60                  | 4,00                  | 4,40                  | 10,40        | 7,60         | 6,80         | 7,70         |
|                                                                     |                                |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                  |                  |                  |                |                |                       |                       |                       |                       |                       |                       |                       |              |              |              |              |
| Wasseraufnahme %<br>(Water absorption)                              | 1050°C                         | 7,30                 | 18,50                | 28,70                | 21,30                | 4,60                 | 33,00                | 9,90                 | 9,80                 | 5,90                 | --,--                | 10,00                | --,--                | 11,70                | 12,90                | 12,20                | 10,80                | 11,60                | 5,00             | 15,80            | 13,30            | 5,90           | --,--          | 8,00                  | 6,10                  | 7,90                  | 1,30                  | 8,70                  | 5,70                  | 8,20                  | 10,30        | 6,30         | 9,50         | 4,30         |
|                                                                     | 1100°C                         | 3,10                 | 14,60                | 28,30                | 15,40                | 3,80                 | 31,10                | 4,50                 | 5,30                 | 5,40                 | --,--                | 6,20                 | 6,20                 | 10,30                | 9,60                 | 9,80                 | 9,30                 | 10,70                | 2,90             | 5,50             | 10,90            | 1,40           | 5,10           | 2,10                  | 0,10                  | 3,70                  | 0,70                  | 7,30                  | 4,00                  | 6,20                  | 6,30         | 1,40         | 7,70         | 1,20         |
|                                                                     | 1200°C                         | 0,10                 | 5,80                 | 23,60                | 12,00                | 0,10                 | 27,10                | --,--                | 0,10                 | 0,10                 | 27,10                | 0,70                 | 0,30                 | 6,40                 | 5,50                 | 4,10                 | --,--                | --,--                | 0,70             | --,--            | 6,00             | 0,10           | 0,30           | 0,00                  | --,--                 | 2,60                  | 1,40                  | 1,70                  | 2,70                  | 3,00                  | 0,20         | 0,60         | 4,10         | 0,10         |
|                                                                     |                                |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                  |                  |                  |                |                |                       |                       |                       |                       |                       |                       |                       |              |              |              |              |
| Brennfarbe<br>(Fired colour)                                        | 1100°C                         | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | weiß<br>(whi-<br>te) | creme<br>(cream) | creme<br>(cream) | creme<br>(cream) | grau<br>(grey) | grau<br>(grey) | gelb<br>(yel-<br>low) | gelb<br>(yel-<br>low) | gelb<br>(yel-<br>low) | gelb<br>(yel-<br>low) | gelb<br>(yel-<br>low) | gelb<br>(yel-<br>low) | gelb<br>(yel-<br>low) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) |

Diese Werte sind Richtwerte. / These are approximate values.

| Ton-Qualität<br>(Clay Quality)                                      |                                | FKF          | 3222         | OLJH 5       | 1008 FK      | 9021 R       | WR 775       | 9023 KHS     | WR 785       | TFR          | 3019                             | 4019 R                           | ZG 68        | 80 RP5 Q     | WFK          | 1008 RS      | 1820 TNR     | 1529         | 8018 R       | WTR          | FKSH         | WR 772                 | Bentonit     | GKR 15       | 9112 R       | 1008         | SLH          | OLSBR        | 1019 F       | OL 22 G      | MZ 35        | 4028 L       | OLOG         | IRP 28       | OLKTW        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
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| Chemische Analyse %<br>(Chemical Analysis)<br>geglüht<br>(calcined) | SiO <sub>2</sub>               | 57,15        | 66,23        | 63,50        | 63,65        | 66,06        | 62,72        | 64,16        | 66,60        | 63,34        | 62,41                            | 70,75                            | 64,69        | 72,66        | 69,65        | 65,18        | 66,60        | 50,34        | 73,42        | 67,30        | 73,11        | 70,79                  | 67,80        | 76,46        | 78,94        | 78,70        | 81,85        | 83,02        | 64,94        | 60,46        | 57,58        | 64,08        | 67,24        | 47,45        | 63,51        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | TiO <sub>2</sub>               | 0,50         | 1,75         | 0,95         | 1,27         | 1,19         | 0,91         | 0,98         | 1,45         | 0,89         | 3,48                             | 1,02                             | 0,92         | 1,30         | 0,74         | 0,85         | 0,98         | 1,00         | 1,21         | 0,88         | 1,65         | 1,20                   | 3,20         | 1,07         | 0,98         | 0,79         | 0,79         | 0,69         | 1,88         | 1,11         | 1,43         | 1,27         | 1,08         | 3,59         | 1,11         |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | Al <sub>2</sub> O <sub>3</sub> | 22,17        | 21,56        | 21,47        | 20,96        | 20,88        | 20,73        | 20,61        | 20,60        | 20,07        | 19,87                            | 19,50                            | 19,47        | 19,34        | 19,33        | 19,15        | 18,70        | 17,50        | 17,48        | 17,46        | 17,16        | 16,36                  | 15,25        | 14,48        | 13,18        | 12,20        | 9,27         | 9,21         | 28,73        | 23,25        | 32,10        | 28,10        | 21,13        | 28,88        | 25,15        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | Fe <sub>2</sub> O <sub>3</sub> | 11,76        | 7,90         | 6,02         | 6,92         | 8,94         | 10,13        | 8,77         | 8,05         | 8,31         | 12,68                            | 4,80                             | 7,25         | 3,80         | 5,40         | 7,61         | 8,13         | 25,45        | 5,55         | 8,71         | 6,16         | 9,99                   | 10,74        | 4,39         | 4,53         | 4,54         | 3,56         | 3,09         | 4,07         | 6,82         | 5,60         | 2,37         | 4,82         | 16,76        | 3,16         |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | CaO                            | 2,90         | 0,19         | 0,25         | 0,17         | 0,20         | 0,21         | 0,32         | 0,25         | 0,93         | 0,15                             | 0,24                             | 0,39         | 0,20         | 0,20         | 0,17         | 0,23         | 0,90         | 0,27         | 0,15         | 0,31         | 0,20                   | 0,79         | 0,47         | 0,22         | 0,10         | 0,71         | 0,69         | 0,19         | 0,47         | 0,65         | 0,24         | 0,14         | 0,68         | 0,19         |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | MgO                            | 1,57         | 0,38         | 1,04         | 1,26         | 0,23         | 0,97         | 0,98         | 0,50         | 2,42         | 0,19                             | 0,88                             | 1,51         | 0,38         | 0,43         | 1,94         | 1,56         | 2,00         | 0,31         | 0,71         | 0,31         | 0,17                   | 1,14         | 0,79         | 0,18         | 0,71         | 0,59         | 0,40         | 0,05         | 0,95         | 0,71         | 0,52         | 0,61         | 0,97         | 0,81         |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | K <sub>2</sub> O               | 2,21         | 1,87         | 5,58         | 5,42         | 2,28         | 4,14         | 3,98         | 2,15         | 3,55         | 1,07                             | 2,64                             | 5,38         | 2,28         | 4,02         | 5,10         | 3,58         | 2,60         | 1,63         | 4,79         | 1,15         | 1,26                   | n.n.         | 2,07         | 1,84         | 2,85         | 2,22         | 2,25         | 0,11         | 6,16         | 1,83         | 3,22         | 4,98         | 1,39         | 5,83         |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | Na <sub>2</sub> O              | 1,00         | 0,11         | 0,90         | 0,01         | 0,01         | 0,18         | 0,18         | 0,20         | 0,02         | 0,14                             | 0,16                             | 0,38         | 0,01         | 0,01         | 0,01         | 0,01         | 0,20         | 0,12         | 0,01         | 0,01         | 0,01                   | n.n.         | n.n.         | 0,01         | 0,08         | 0,66         | 0,62         | 0,01         | 0,07         | 0,08         | 0,19         | 0,01         | 0,01         | 0,18         |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     |                                |              |              |              |              |              |              |              |              |              |                                  |                                  |              |              |              |              |              |              |              |              |              |                        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
| Glühverlust<br>(Loss on ignition)                                   | %                              | 10,00        | 6,70         | 4,50         | 4,90         | 6,80         | 6,30         | 5,70         | 8,20         | 8,30         | 7,10                             | 5,90                             | 4,70         | 5,80         | 6,00         | 4,20         | 4,20         | 12,00        | 5,10         | 4,00         | 7,60         | 5,90                   | 9,20         | 5,70         | 3,30         | 2,80         | 2,50         | 1,80         | 9,20         | 5,70         | 10,80        | 7,30         | 4,80         | 11,20        | 18,10        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     |                                |              |              |              |              |              |              |              |              |              |                                  |                                  |              |              |              |              |              |              |              |              |              |                        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
| Trockenbiege-<br>festigkeit<br>(Drying transverse<br>strength)      | N/mm2                          | ---          | 5,40         | ---          | ---          | 4,60         | 3,40         | 2,40         | 5,50         | 6,00         | 4,50                             | 6,80                             | 3,40         | 4,60         | ---          | ---          | ---          | 20,00        | 4,80         | ---          | ---          | 3,80                   | 1,30         | 4,60         | ---          | 1,40         | ---          | ---          | 2,40         | 4,50         | 8,20         | 5,60         | ---          | ---          | ---          |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     |                                |              |              |              |              |              |              |              |              |              |                                  |                                  |              |              |              |              |              |              |              |              |              |                        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
| Korngrößen-<br>verteilung %<br>(Particle size<br>distribution)      | > 63µm                         | 0,50         | 2,40         | 25,80        | 21,90        | 10,60        | 8,40         | 15,80        | 7,10         | 3,50         | 17,00                            | 9,00                             | 3,80         | 8,20         | 37,90        | 13,80        | 27,60        | 17,90        | 4,90         | 4,50         | 9,90         | 5,20                   | 0,50         | 13,70        | 21,08        | 74,00        | 3,00         | 7,40         | 1,00         | 28,00        | 0,60         | 3,60         | 36,30        | 13,50        | 60,90        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | < 10µm                         | 51,80        | 88,80        | 52,80        | 66,50        | 74,90        | 74,80        | 68,10        | 76,40        | 91,90        | 71,30                            | 78,30                            | 86,60        | 77,60        | 45,20        | 68,00        | 59,60        | 78,20        | 74,80        | ---          | 72,70        | 77,40                  | 82,80        | 80,80        | 59,12        | 14,00        | 37,40        | 31,60        | 89,40        | 46,00        | 92,60        | 81,30        | 42,70        | 71,00        | 28,90        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | < 2µm                          | 10,90        | 71,90        | 27,70        | 43,20        | 58,70        | 37,90        | 37,60        | 45,20        | 64,20        | 56,00                            | 63,50                            | 51,20        | 56,90        | 24,90        | 38,70        | 33,00        | 65,70        | 53,20        | ---          | 50,20        | 63,30                  | 50,95        | 76,20        | 38,68        | 9,00         | 20,60        | 20,20        | 56,60        | 27,00        | 74,10        | 67,10        | 18,60        | 53,80        | 14,10        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     |                                |              |              |              |              |              |              |              |              |              |                                  |                                  |              |              |              |              |              |              |              |              |              |                        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
| Brennschwindung %<br>(Firing shrinkage)                             | 1050°C                         | 4,70         | 6,40         | 4,00         | 4,30         | 2,40         | 4,70         | 5,40         | 3,60         | 6,20         | 4,80                             | 5,20                             | 7,50         | 2,80         | 3,10         | 3,00         | 1,40         | 9,10         | 1,20         | 3,00         | 3,10         | 3,40                   | 7,20         | 2,70         | 0,60         | 1,10         | 0,00         | -0,60        | 3,80         | 2,90         | 4,60         | 6,00         | 1,80         | ---          | ---          |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | 1100°C                         | 6,90         | 7,10         | 6,90         | 8,00         | 4,20         | 4,20         | 8,80         | 6,90         | 7,80         | 6,20                             | 6,20                             | 9,80         | 4,70         | 5,20         | 6,90         | 5,20         | 3,30         | 2,30         | 5,90         | 3,40         | 6,40                   | ---          | 3,40         | 1,80         | 2,30         | 4,80         | 0,90         | 4,70         | 3,90         | 7,90         | 7,90         | 3,60         | ---          | ---          |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | 1200°C                         | ---          | 8,50         | ---          | ---          | 7,00         | 9,90         | 7,90         | 9,10         | 8,50         | 7,20                             | 7,20                             | ---          | ---          | 7,50         | ---          | ---          | ---          | 5,40         | 10,30        | ---          | 4,60                   | ---          | 4,50         | ---          | 6,20         | ---          | ---          | 9,80         | 5,20         | 9,40         | 9,50         | ---          | ---          | ---          |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     |                                |              |              |              |              |              |              |              |              |              |                                  |                                  |              |              |              |              |              |              |              |              |              |                        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
| Wasseraufnahme %<br>(Water absorption)                              | 1050°C                         | 17,50        | 6,50         | 7,40         | 10,30        | 12,70        | 11,60        | 9,40         | 13,50        | 2,10         | 10,60                            | 4,20                             | 4,70         | 9,70         | 12,40        | 11,80        | 21,70        | 0,40         | 12,20        | 8,10         | 13,20        | ---                    | 6,80         | 7,70         | 11,80        | 16,40        | 14,10        | 17,00        | 12,40        | 10,00        | 16,50        | 3,70         | 13,00        | 1,30         | ---          |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | 1100°C                         | 11,50        | 3,20         | 2,70         | 4,40         | 8,40         | 6,90         | 4,50         | 6,30         | 1,50         | 7,90                             | 3,80                             | 1,90         | 6,80         | 8,30         | 4,50         | 14,10        | 23,70        | 8,80         | 3,20         | 12,40        | ---                    | ---          | 6,10         | 9,20         | 14,00        | 10,20        | 13,70        | 10,60        | 7,80         | 8,60         | 0,20         | 7,50         | 0,90         | ---          |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     | 1200°C                         | ---          | 0,40         | ---          | ---          | 0,20         | 0,40         | 0,90         | 0,30         | 0,30         | 5,40                             | 2,10                             | ---          | ---          | 2,20         | ---          | ---          | ---          | 6,30         | 1,30         | ---          | ---                    | ---          | 4,40         | ---          | 11,60        | ---          | ---          | 5,00         | 4,80         | 6,10         | 0,10         | ---          | 1,50         | ---          |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|                                                                     |                                |              |              |              |              |              |              |              |              |              |                                  |                                  |              |              |              |              |              |              |              |              |              |                        |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
| Brennfarbe<br>(Fired colour)                                        | 1100°C                         | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot-<br>braun<br>(red-<br>brown) | rot-<br>braun<br>(red-<br>brown) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(in-<br>tensiv) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red) | rot<br>(red)</ |

Diese Werte sind Richtwerte. / These are approximate values.