

Body in powder form no. 209

Chemical analysis:

| | |
|--------------------------------|--------|
| SiO ₂ | 72.2 % |
| Al ₂ O ₃ | 22.4 % |
| TiO ₂ | 1.3 % |
| Fe ₂ O ₃ | 0.9 % |
| CaO | 0.0 % |
| MgO | 0.3 % |
| K ₂ O | 2.8 % |
| Na ₂ O | 0.0 % |

Ceramic data:

Dry shrinkage in %: 3

| | | | |
|----------------------------|---------|---------|---------|
| Firing temperature: | 1070 °C | 1240 °C | 1300 °C |
| Firing colour: | white | white | light |
| Firing shrinkage %: | 1 | 6 | 7 |
| Water absorption %: | 13 | 1 | 0.1 |

Coefficient of Thermal Expansion (CTE):

| | | | |
|-------------|----|----|----|
| 20 – 400 °C | 59 | 62 | 57 |
| 20 – 500 °C | 60 | 65 | 58 |
| 20 – 600 °C | 73 | 74 | 65 |

CTE * 10⁻⁷/K