

## Body in powder form no. 1100

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**Chemical analysis:**

|                                |        |
|--------------------------------|--------|
| SiO <sub>2</sub>               | 59.9 % |
| Al <sub>2</sub> O <sub>3</sub> | 33.1 % |
| TiO <sub>2</sub>               | 0.6 %  |
| Fe <sub>2</sub> O <sub>3</sub> | 0.8 %  |
| CaO                            | 0.5 %  |
| MgO                            | 0.2 %  |
| K <sub>2</sub> O               | 3.6 %  |
| Na <sub>2</sub> O              | 0.9 %  |

**Ceramic data:**

**Dry shrinkage in %:**

5

**Firing temperature:**

1200 °C

1240 °C

Firing colour:

white

white

Firing shrinkage %:

8

9

Water absorption %:

0.7

0.1

**Coefficient of Thermal  
Expansion (CTE):**

20° C - 500 °C

55

56

20° C - 500 °C

56

56

20 °C - 600 °C

58

58

CTE \* 10<sup>-7</sup>/K