

## Body in powder form no. 33

### Chemical analysis:

SiO <sub>2</sub>	62.5 %
Al <sub>2</sub> O <sub>3</sub>	16.1 %
TiO <sub>2</sub>	1.0 %
Fe <sub>2</sub> O <sub>3</sub>	0.7 %
CaO	9.8 %
MgO	8.2 %
K <sub>2</sub> O	1.7 %
Na <sub>2</sub> O	0.0 %

### Ceramic data:

**Dry shrinkage in %:**

2

**Firing temperature:**

1070 °C

1140 °C

Firing colour:

white

white

Firing shrinkage %:

0.0

1

Water absorption %:

21

20

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

von 20 °C - 400 °C

80

75

von 20° C - 500 °C

83

77

von 20 °C - 600 °C

95

88

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

Moisture expansion in%:

0.02