

Porcelain casting body no. 1105

Chemical analysis:

SiO ₂	70.5 %
Al ₂ O ₃	24.3 %
TiO ₂	0.03 %
Fe ₂ O ₃	0.4 %
CaO	0.3 %
MgO	0.2 %
K ₂ O	3.2 %
Na ₂ O	0.9 %

Ceramic data:

Dry shrinkage in %:

3

Firing temperature:

1200 °C

1240° C

1280 °C

Firing colour:

white

white

white

Firing shrinkage in %:

9

11

11

Water absorption in %:

2.0

0.1

0.1

Coefficient of Thermal Expansion (CTE):

20° C - 400 °C

65

71

67

20° C - 500 °C

67

73

70

20 °C - 600 °C

75

81

77

CTE* 10⁻⁷/K