

## Plastic body No. 579, individually wrapped

**40% Chamotte 0-2 mm**

### Chemical analysis:

SiO <sub>2</sub>	64.6 %
Al <sub>2</sub> O <sub>3</sub>	19.1 %
TiO <sub>2</sub>	1.4 %
Fe <sub>2</sub> O <sub>3</sub>	5.8 %
CaO	0.0 %
MgO	0.5 %
K <sub>2</sub> O	2.6 %
Na <sub>2</sub> O	0.0 %
MnO	5.6 %

### Ceramic data:

**Dry shrinkage in %:**

6

**Firing temperature:**

1070 °C

1120 °C

Firing colour:

black

black

Firing shrinkage in %:

5

5

Water absorption in %:

7

5

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

20 °C - 400 °C

72

67

20 °C - 500 °C

74

69

20 °C - 600 °C

82

76

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

Moisture expansion in %:

0.009