

**Plastic body No. 579, individually wrapped**

**40% Chamotte 0-2 mm**

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**Chemical analysis:**

SiO <sub>2</sub>	64.6 %
Al <sub>2</sub> O <sub>3</sub>	19.2 %
TiO <sub>2</sub>	1.5 %
Fe <sub>2</sub> O <sub>3</sub>	6.5 %
CaO	0.5 %
MgO	0.5 %
K <sub>2</sub> O	2.3 %
Na <sub>2</sub> O	0.1 %
MnO	4.9 %

**Ceramic data:**

**Dry shrinkage in %:**

5

**Firing temperature:**

1070 °C

1120 °C

Firing colour:

black

black

Firing shrinkage in %:

4

5

Water absorption in %:

7

6

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

20 °C - 400 °C

71

20 °C - 500 °C

74

20 °C - 600 °C

84

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