

## Plastic body No. 559, individually wrapped

**40% Chamotte 0-2 mm**

### Chemical analysis:

SiO <sub>2</sub>	68.7 %
Al <sub>2</sub> O <sub>3</sub>	20.5 %
TiO <sub>2</sub>	1.3 %
Fe <sub>2</sub> O <sub>3</sub>	6.3 %
CaO	0.2 %
MgO	0.4 %
K <sub>2</sub> O	2.4 %
Na <sub>2</sub> O	0.2 %

### Ceramic datas:

**Dry shrinkage in %:**

6

**Firing temperatur:**

1070 °C

1140 °C

1240 °C

firing colour

light-red

red

dark-red

Firing shrinkage in %:

4

5

5

Water absorption in %:

8

5

4

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

20 °C - 400 °C

68

20° C - 500 °C

71

20 °C - 600 °C

83

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