

## Plastic body No. 552, individually wrapped

40% Chamotte 0-0.5 mm

### Chemical analysis:

SiO <sub>2</sub>	69.0 %
Al <sub>2</sub> O <sub>3</sub>	20.3 %
TiO <sub>2</sub>	1.4 %
Fe <sub>2</sub> O <sub>3</sub>	6.0 %
CaO	0.3 %
MgO	0.5 %
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

6

Water absorption in %:

7

5

3

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

20 °C - 400 °C

70

20° C - 500 °C

73

20 °C - 600 °C

85

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