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## Plastic body No. 371, individually wrapped

25 % Chamotte 0-0.2 mm

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### Chemical analysis:

|                                |        |
|--------------------------------|--------|
| SiO <sub>2</sub>               | 69.0 % |
| Al <sub>2</sub> O <sub>3</sub> | 21.2 % |
| TiO <sub>2</sub>               | 1.6 %  |
| Fe <sub>2</sub> O <sub>3</sub> | 4.9 %  |
| CaO                            | 0.0 %  |
| MgO                            | 0.5 %  |
| K <sub>2</sub> O               | 2.8 %  |
| Na <sub>2</sub> O              | 0.0 %  |

### Ceramic data:

Dry shrinkage in %:

7

Firing temperature :

1070 °C

1140 °C

1240 °C

Firing colour:

grey

anthracite

black

Firing shrinkage in %:

3

5

8

Water absorption in %:

9

5

0.1

**Coefficient of thermal expansion:  
(CTE)**

20 °C - 400 °C

65

67

63

20° C - 500 °C

68

70

65

20 °C - 600 °C

79

81

72

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

Moisture expansion in%:

0,15

0,05