

CREATON[®] No. 559

40% Chamotte 0-2 mm

Chemical analysis:

SiO ₂	68,7 %
Al ₂ O ₃	20,5 %
TiO ₂	1,3 %
Fe ₂ O ₃	6,3 %
CaO	0,2 %
MgO	0,4 %
K ₂ O	2,4 %
Na ₂ O	0,2 %

Ceramic data:

Dry shrinkage in %:

6

Firing temperatur:

1070 °C

1140 °C

1240 °C

firing colour

pale red

red

dark red

Firing shrinkage in %

4

5

5

Water absorption in %

9

5

4

Coefficient of Thermal Expansion (CTE):

pre fired at
1000 °C

20 °C - 400 °C

60

20 °C - 500 °C

62

20 °C - 600 °C

69

CTE * 10⁻⁷/K