

Lightweight Chamotte LWC200

0 – 5 mm

Chemical analysis

Item	%
Al ₂ O ₃	43 – 46
SiO ₂	45 - 48
Fe ₂ O ₃	1.5 – 2.2
CaO	1.5 – 2.5
MgO	0.1 – 0.2
K ₂ O+Na ₂ O	1.5 – 2.0

Mineralogical Composition

Phase	%
Mullit	55 - 70
Quartz	0 – 5
Cristobalite	0 – 2
Amorphes	30 – 40

Physical Properties

Grain Density	1.45 ± 0.05
Bulk Density 0 – 5 mm	1.10 ± 0.1
Apparent Porosity	50.0 ± 2

Grain Size

> 5.0 mm	0 – 10 %
> 2.0 mm	20 – 35 %
> 1.0 mm	15 – 35 %
< 1.0 mm	35 – 50 %



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