

## Lightweight Chamotte LWC200

5 – 10 mm

### Chemical analysis

Item	%
Al <sub>2</sub> O <sub>3</sub>	43 – 46
SiO <sub>2</sub>	45 - 48
Fe <sub>2</sub> O <sub>3</sub>	1.5 – 2.2
CaO	1.5 – 2.5
MgO	0.1 – 0.2
K <sub>2</sub> O+Na <sub>2</sub> 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 5 – 10 mm	0.75 ± 0.1
Apparent Porosity	50.0 ± 2

### Grain Size

> 10 mm	5 -10 %
< 5 mm	5 – 15 %