



RASACAST LC-14

Type of Product : Low Iron Fire Clay Light Weight Castable

Physical Properties:

Raw material basis	Light weight fire clay
Max Service Temperature (°C)	1400
Bulk density after drying at 110°C (Kg/m ³)	1500 - 1600
Approximate amount of water required (%)	27 - 32
Grain size (mm)	0 - 5

Thermomechanical Properties:

	Cold Crushing Strength (Kg/Cm ²)	Linear Change (%)
After drying at 110 ° C	≥ 45	negligible
After heating at 1300° C	≥ 70	-0.5 to -1

Thermal Conductivity (KCal/m.h.°C):

@ 400°C	0.45 - 0.47
@ 1000°C	0.54 - 0.56

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
45 - 49	30 - 34	1.5 - 2	10 - 12

Packing 30 Kg Bags.

- All data subject to reasonable deviations, and therefore, should not be used for specification purposes.
- ASTM Test Methods, where applicable, used for determination of data.

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