



RASACAST LC-12

Type of Product : Fire Clay Light Weight Castable

Physical Properties:

Raw material basis	Light Weight Fire Clay
Max Service Temperature (°C)	1250
Bulk density after drying at 110°C (Kg/m ³)	1150 - 1250
Approximate amount of water required (%)	34 - 40
Grain size (mm)	0-5

Thermomechanical Properties:

	Cold Crushing Strength (Kg/Cm ²)	Linear Change (%)
After drying at 110 ° C	≥ 25	negligible
After heating at 1180° C	≥ 30	-0.2 to -0.8

Thermal Conductivity (KCal/m.h.°C):

@ 400°C	0.30 - 0.32
@ 600°C	0.33 - 0.35

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
31 - 35	37 - 41	7 - 8	12 - 15

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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