



RASACAST LA-15LI

Type of Product : High Alumina Low Iron Light Weight Castable

Physical Properties:

Raw material basis	Low iron light weight fire clay
Max Service Temperature (°C)	1500
Dry castable required (Kg/m ³)	1450
Approximate amount of water required (liters/40 Kg)	12 - 13
Bulk density after drying at 110°C (Kg/m ³)	1500
Grain size (mm)	0 - 5

Thermomechanical Properties :

	Cold Crushing Strength (Kg/Cm ²)	Modulus of Rupture (Kg/Cm ²)	Linear Change (%)
After drying at 110 ° C	≥ 65	≥ 18	negligible
After heating at 1260° C	≥ 60	≥ 15	-1 to -0.5

Thermal Conductivity (KCal/m.h.°C):

@ 400°C	0.45
@ 600°C	0.47
@ 800°C	0.51

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Na ₂ O+K ₂ O+LiO ₂
58	30	1	1	6	2.3

Packing in 40 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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