



RASACAST LC-11

Type of Product : Fire Clay Light Weight Castable

Physical Properties:

Raw material basis	Light weight fire clay
Max Service Temperature (°C)	1100
Dry castable required (Kg/m ³)	980
Approximate amount of water required (liters/25 Kg)	11.5 - 12.5
Bulk density after drying at 110°C (Kg/m ³)	1050
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	≥ 25	≥ 7	-0.8 to -0.2
After heating at 1000° C	≥ 30	≥ 7	- 0.8 to - 0.2

Thermal Conductivity (KCal/m.h. °C):

@ 400°C	0.25
@ 600°C	0.28
@ 800°C	0.32

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO ₂	Na ₂ O+K ₂ O+LiO ₂
32	37.0	7	16	2	2.5	3.5

Packing in 25 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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