



RASACAST A-16LV

Type of Product: High Alumina Low Cement Dense Castable (L.C.C)

Physical Properties:

Raw material basis	Low iron fire clay & bauxite
Max Service Temperature (°C)	1600
Dry castable required (Kg/m ³)	2300 - 2400
Approximate amount of water required (%)	6.4 - 7
Bulk density after drying at 110°C (Kg/m ³)	2400 - 2500
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	≥ 550	≥ 60	Negligible
After heating at 1400° C	≥ 700	≥ 75	-0.5 to -1.5

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
49 - 53	42 - 45	1.5 - 2	2 - 2.5

Packing in 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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