



RASACAST A-17LV

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

Physical Properties:

Raw material basis	Bauxite
Max Service Temperature (°C)	1700
Dry castable required (Kg/m ³)	2650 - 2750
Approximate amount of water required (%)	6 - 6.4
Bulk density after drying at 110°C (Kg/m ³)	2700 - 2800
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	≥ 750	≥ 75	Negligible
After heating at 1400° C	≥ 1000	≥ 110	-1.5 to -2.5

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
83 - 86	5 - 8	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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