



RASACAST A-18BLV

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

Physical Properties:

Raw material basis	Tabular alumina & Bauxite
Max Service Temperature (°C)	1800
Dry castable required (Kg/m ³)	2750 - 2850
Approximate amount of water required (%)	5.8 - 6.3
Bulk density after drying at 110°C (Kg/m ³)	2800 - 2900
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	≥ 800	≥ 75	Negligible
After heating at 1500° C	≥ 1000	≥ 110	-1.0 to -1.5

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
89 - 92	2 - 4	1 - 1.5	1.9 - 2.3

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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