



RASACAST B-16

Type of Product : Chromite Castable

Physical Properties:

Raw material basis	Chromite ore
Max Service Temperature (°C)	1600
Dry castable required (Kg/m ³)	2750 - 2850
Approximate amount of water required (%)	7.5 - 8.5
Bulk density after drying at 110°C (Kg/m ³)	2850 - 2950
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	≥ 600	≥ 70	negligible
After heating at 1400° C	≥ 600	≥ 85	-0.4 to -1

Chemical Analysis (%):

Cr ₂ O ₃	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO
26 - 29	34 - 39	4 - 6	11 - 13	3.8 - 4.3	11 - 13

Packing 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.

Rev. date : 03/08/07