



RASACAST A-15

Type of Product: High Alumina Dense Castable

Physical Properties:

Raw material basis	Low iron fire clay
Max Service Temperature (°C)	1480
Dry castable required (Kg/m ³)	2100 - 2200
Approximate amount of water required (%)	9.5 - 10.5
Bulk density after drying at 110°C (Kg/m ³)	2200 - 2300
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	≥ 350	≥ 40	negligible
After heating at 1400° C	≥ 500	≥ 50	+1 to +1.5

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
45 - 49	38 - 42	1.8 - 2.3	8.5 - 9.3

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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