



RASACAST A-18

Type of Product: High Alumina Dense Castable

Physical Properties:

Raw material basis	Tabular Alumina
Max Service Temperature (°C)	1820
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)	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	≥ 700	≥ 65	negligible
After heating at 1475° C	≥ 800	≥ 70	- 0.5 to 0.5

Chemical Analysis (%):

Al ₂ O ₃	Fe ₂ O ₃	CaO
≥ 95	0.1	3.8 - 4.1

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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