



RASACAST A-18M

Type of Product: High Alumina Medium Cement Dense Castable (M.C.C)

Physical Properties:

Raw material basis	Tabular Alumina
Max Service Temperature (°C)	1830
Dry castable required (Kg/m ³)	2800 - 2850
Approximate amount of water required (%)	7 - 8
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	≥ 65	negligible
After heating at 1475° C	≥ 700	≥ 90	- 0.3 to 0.5

Chemical Analysis (%):

Al ₂ O ₃	Fe ₂ O ₃	CaO
≥ 95	0.1	3 - 3.5

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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