



RASACAST A-17M

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

Physical Properties:

Raw material basis	bauxite
Max Service Temperature (°C)	1700
Dry castable required (Kg/m ³)	2650 - 2750
Approximate amount of water required (%)	7 - 7.5
Bulk density after drying at 110°C (Kg/m ³)	2700 - 2800
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	≥ 500	≥ 70	negligible
After heating at 1400° C	≥ 800	≥ 100	- 1.5 to -2.5

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
83 - 86	6 - 8	1.5 - 2	3 - 3.5

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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