



RASACAST K-13

Type of Product: Fire Clay Castable

Physical Properties:

Raw material basis	Fire Clay
Max Service Temperature (°C)	1300
Dry castable required (Kg/m ³)	1950 - 2050
Approximate amount of water required (%)	14 - 15
Bulk density after drying at 110°C (Kg/m ³)	2050 - 2150
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	≥ 150	≥ 30	negligible
After heating at 1200° C	≥ 150	≥ 30	-0.5 to -1

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
41 - 45	34 - 38	5 - 7	8 - 10

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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