



RASACAST C-13

Type of Product: Fire Clay Dense Castable

Physical Properties:

Raw material basis	Fire clay
Max Service Temperature (°C)	1320
Dry castable required (Kg/m ³)	2000 - 2100
Approximate amount of water required (%)	13 - 14
Bulk density after drying at 110°C (Kg/m ³)	2100 - 2200
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	200	≥ 35	Negligible
After heating at 1200° C	200	≥ 40	-0.5 to -1

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO
40 - 45	34 - 39	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.

Rev. date : 03/08/17