



## RASACAST C-14

**Type of Product:** Fire Clay Low Iron Castable

### Physical Properties:

Raw material basis	Fire clay
Max Service Temperature (°C)	1400
Dry castable required (Kg/m <sup>3</sup> )	2000 - 2100
Approximate amount of water required (%)	10.5 - 11.5
Bulk density after drying at 110°C (Kg/m <sup>3</sup> )	2100 - 2200
Grain size (mm)	0 - 5

### Thermomechanical Properties:

	Cold Crushing Strength (Kg/Cm <sup>2</sup> )	Modulus of Rupture (Kg/Cm <sup>2</sup> )	Linear Change (%)
After drying at 110 ° C	200	≥ 40	Negligible
After heating at 1300° C	250	≥ 45	-0.7 to -1

### Chemical Analysis (%):

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO
46 - 50	33 - 36	2 - 3	7 - 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 : 03/08/07