



## 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 <sup>3</sup> )	1950 - 2050
Approximate amount of water required (%)	14 - 15
Bulk density after drying at 110°C (Kg/m <sup>3</sup> )	2050 - 2150
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	≥ 250	≥ 50	negligible
After heating at 1200° C	≥ 200	≥ 50	-0.5 to 1.0

### Chemical Analysis (%):

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO
39 - 42	37 - 40	6 - 8	10 - 12

### 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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