



## RASACAST LC-10

**Type of Product :** Fire Clay Light Weight Castable

### Physical Properties:

Raw material basis	Light weight fire clay
Max Service Temperature (°C)	900
Dry castable required (Kg/m <sup>3</sup> )	450
Bulk density after drying at 110°C (Kg/m <sup>3</sup> )	600
Approximate amount of water required (liters/10 Kg)	8 - 9
Grain size (mm)	0 - 3

### 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	≥ 10	≥ 2	-1 to -0.5
After heating at 900° C	≥ 8	≥ 1	≤ 2

### Thermal Conductivity (KCal/m.h.°C):

@ 400°C	0.12
@ 600°C	0.15
@ 800°C	0.18

### Chemical Analysis (%):

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	Na <sub>2</sub> O+K <sub>2</sub> O+LiO <sub>2</sub>
29.5	29.5	10	25.5	3.5

### Packing in 10 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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