



## RASACAST A-16BLV

**Type of Product:** High Alumina Low Cement Dense Castable (L.C.C)

### Physical Properties:

Raw material basis	Low iron fire clay & bauxite
Max Service Temperature (°C)	1600
Dry castable required (Kg/m <sup>3</sup> )	2400 - 2500
Approximate amount of water required (%)	6.6 - 7
Bulk density after drying at 110°C (Kg/m <sup>3</sup> )	2500 - 2600
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	≥ 750	≥ 65	Negligible
After heating at 1400° C	≥ 800	≥ 75	-0.8 to -1.5

### Chemical Analysis (%):

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO
66 - 71	22 - 27	1.7 - 2.2	2 - 2.5

### 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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