

### DATA SHEET OF INSULATING CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND INCAST 11
2	DESCRIPTION	MEDIUM DENSITY INSULATING CASTABLE
3	MAX SERVICE TEMP, °C	1300
4	NATURE OF BOND	HYDRAULIC
5	MAX GRAIN SIZE, MM	6
6	INSTALLATION	TAMPING
7	CHEMICAL ANALYSIS	
	Al <sub>2</sub> O <sub>3</sub> , %	34.50 MIN
	Fe <sub>2</sub> O <sub>3</sub> , %	3.50 MAX
	CaO, %	12.00 MAX
8	WATER REQD FOR CASTING, %	30 to 35
9	BD, g/cc	
	After drying at 110°C / 24 hours	1.35 MAX
10	CCS, kg/cm <sup>2</sup>	
	After drying at 110°C / 24 hours	35 MIN
	After heating at 1100°C / 3 hours	25 MIN
	After heating at 1300°C / 3 hours	40 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.30 MAX
	After heating at 1300°C / 3 hours	± 1.00 MAX
12	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF	0.31 MAX
13	REFRACTORINESS, Orton / °C	14 / 1398 MIN



14	PACKAGING, Bags	50 KG
15	SHELF LIFE, Months	9
16	DELIVERY STATE	DRY