

**DATA SHEET OF INSULATING CASTABLE**

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND INCAST 9 HS
2	DESCRIPTION	MEDIUM DENSITY INSULATING CASTABLE (HIGH STRENGTH)
3	MAX SERVICE TEMP, °C	1200
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> , %	40.00 MIN
	Fe <sub>2</sub> O <sub>3</sub> , %	3.00 MAX
8	WATER REQD FOR CASTING, %	38 to 44
9	BD,g/cm <sup>3</sup>	
	After drying at 110°C / 24 hours	1.00 MAX
10	CCS, kg/cm <sup>2</sup>	
	After drying at 110°C / 24 hours	20 MIN
	After heating at 800°C / 3 hours	8 MIN
	After heating at 1200°C / 3 hours	15 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 800°C / 3 hours	± 0.60 MAX
	After heating at 1100°C / 3 hours	± 1.00 MAX
12	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF	0.28 MAX
13	REFRACTORINESS, Orton/ °C	14 / 1398 MIN
14	PACKAGING, Bags	25 KG
15	SHELF LIFE, Months	9



16	DELIVERY STATE	DRY
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