

**DATA SHEET OF INSULATING CASTABLE**

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND INCAST LT
2	DESCRIPTION	LOW TEMPERATURE INSULATING CASTABLE
3	MAX SERVICE TEMP, °C	500
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> , %	20.00 MIN
	Fe <sub>2</sub> O <sub>3</sub> , %	2.50 MAX
	CaO, %	16.00 MAX
8	WATER REQD FOR CASTING, %	25 to 30
9	BD, g/cc	
	After drying at 110°C / 24 hours	1.45 MAX
10	CCS, kg/cm <sup>2</sup>	
	After drying at 110°C / 24 hours	90 MIN
	After heating at 500°C / 3 hours	45 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 500°C / 3 hours	± 0.50 MAX
12	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF	0.40 MAX
13	PACKAGING, Bags	25 KG
14	SHELF LIFE, Months	9
15	DELIVERY STATE	DRY