

DATA SHEET OF INSULATING CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND INCAST 11 LI
2	DESCRIPTION	MEDIUM DENSITY INSULATING CASTABLE
3	MAX SERVICE TEMP, °C	1350
4	NATURE OF BOND	HYDRAULIC
5	MAX GRAIN SIZE, MM	6
6	INSTALLATION	TAMPING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	40.00 MIN
	Fe ₂ O ₃ , %	1.50 MAX
8	WATER REQD FOR CASTING, %	30 to 35
9	BD,g/cm ³	
	After drying at 110°C / 24 hours	1.25 MAX
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	45 MIN
	After heating at 800°C / 3 hours	30 MIN
	After heating at 1100°C / 3 hours	30 MIN
	After heating at 1300°C / 3 hours	50 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.20 MAX
	After heating at 1300°C / 3 hours	± 1.00 MAX
12	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF	0.34 MAX
13	REFRACTORINESS, Orton/ °C	14 / 1398 MIN
14	PACKAGING, Bags	50 KG



15	SHELF LIFE, Months	9
16	DELIVERY STATE	DRY