

DATA SHEET OF INSULATING CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND INCAST 11 LIZ
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 ₂ O ₃ , %	45.00 MIN
	Fe ₂ O ₃ , %	1.20 MAX
8	WATER REQD FOR CASTING, %	40 to 45
9	BD,g/cm ³	
	After drying at 110°C / 24 hours	1.00 MAX
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	15 MIN
	After heating at 800°C / 3 hours	10 MIN
	After heating at 1100°C / 3 hours	8 MIN
	After heating at 1300°C / 3 hours	15 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 1.00 MAX
	After heating at 1300°C / 3 hours	± 1.50 MAX
12	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF	0.22 MAX
13	REFRACTORINESS, Orton/ °C	14 / 1398 MIN
14	PACKAGING, Bags	25 KG



15	SHELF LIFE, Months	9
16	DELIVERY STATE	DRY