

DATA SHEET OF INSULATING CASTABLE

SL NO	PARAMETERS	SPECIFICATION
	EQUIVALENT TO	INSULYTE HT
1	PRODUCT BRAND	IND INCAST HT
2	DESCRIPTION	HIGH TEMPERATURE INSULATING CASTABLE
3	MAX SERVICE TEMP, °C	1500
4	NATURE OF BOND	HYDRAULIC
5	MAX GRAIN SIZE, MM	6
6	INSTALLATION	TAMPING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	60.00 MIN
	Fe ₂ O ₃ , %	1.50 MAX
	CaO, %	8.00 MAX
8	WATER REQD FOR CASTING, %	25 to 30
9	BD, g/cc	
	After drying at 110°C / 24 hours	1.55 MAX
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	80 MIN
	After heating at 800°C / 3 hours	40 MIN
	After heating at 1100°C / 3 hours	40 MIN
	After heating at 1300°C / 3 hours	50 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.50 MAX
	After heating at 1300°C / 3 hours	± 1.50 MAX
12	THERMAL CONDUCTIVITY, kcal/m/hr/°C	



	At 500°C HF	0.42 MAX
	At 800°C HF	0.44 MAX
13	REFRACTORINESS, Orton / °C	23 / 1605 MIN
14	PACKAGING, Bags	50 KG
15	SHELF LIFE, Months	9
16	DELIVERY STATE	DRY