

DATA SHEET OF DENSE CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND FH 70
2	DESCRIPTION	70 % ALUMINA CASTABLE
3	MAX SERVICE TEMP, °C	1450
4	NATURE OF BOND	HYDRAULIC
5	GRAIN SIZE, MM	0 - 5
6	INSTALLATION	TROWELLING / VIBRATION CASTING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	68.00 MIN
	Fe ₂ O ₃ , %	5.50 MAX
	CaO, %	6.00 MAX
8	WATER REQD FOR CASTING, %	11 to 13
9	BD, g/cc	
	After drying at 110°C / 24 hours	2.50 MIN
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	350 MIN
	After heating at 1100°C / 3 hours	200 MIN
	After heating at 1400°C / 3 hours	350 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.20 MAX
	After heating at 1400°C / 3 hours	± 1.50 MAX
12	REFRACTORINESS, orton /°C	31 / 1683 MIN.
13	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF TEMP	0.90 - 1.00



14	PACKAGING, Bags	50 KG
15	STORAGE LIFE, Months	9
16	DELIVERY STATE	DRY