

DATA SHEET OF DENSE CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND AH 50 SUPER
2	DESCRIPTION	50 % ALUMINA DENSE CASTABLE (SUPERIOR STRENGTH)
3	MAX SERVICE TEMP, °C	1500
4	NATURE OF BOND	HYDRAULIC
5	GRAIN SIZE, MM	0 - 5
6	INSTALLATION	TROWELLING / VIBRATION CASTING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	50.00 MIN
	Fe ₂ O ₃ , %	1.70 MAX
	CaO, %	5.80 MAX
8	WATER REQD FOR CASTING, %	10 to 12
9	BD, g/cc	
	After drying at 110°C / 24 hours	2.25 MIN
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	550 MIN
	After heating at 1100°C / 3 hours	350 MIN
	After heating at 1500°C / 3 hours	500 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.20 MAX
	After heating at 1500°C / 3 hours	± 1.00 MAX
12	REFRACTORINESS, orton / °C	30 / 1665 MIN.
13	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF TEMP	0.75 - 0.85
14	PACKAGING, Bags	50 KG



15	STORAGE LIFE, Months	9
16	DELIVERY STATE	DRY