

DATA SHEET OF DENSE CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND AH 50
2	DESCRIPTION	50 % ALUMINA DENSE CASTABLE
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 <sub>2</sub> O <sub>3</sub> , %	48.00 MIN
	Fe <sub>2</sub> O <sub>3</sub> , %	1.50 MAX
	CaO, %	4.90 MAX
8	WATER REQD FOR CASTING, %	10 to 12
9	BD, g/cc	
	After drying at 110°C / 24 hours	2.10 MIN
10	CCS, kg/cm <sup>2</sup>	
	After drying at 110°C / 24 hours	350 MIN
	After heating at 1100°C / 3 hours	200 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	± 1.50 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