

DATA SHEET OF DENSE CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND AH 90 SUPER
2	DESCRIPTION	90 % ALUMINA DENSE CASTABLE (SUPERIOR STRENGTH)
3	MAX SERVICE TEMP, °C	1750
4	NATURE OF BOND	HYDRAULIC
5	GRAIN SIZE, MM	0 - 5
6	INSTALLATION	TROWELLING / VIBRATION CASTING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	90.00 MIN
	Fe ₂ O ₃ , %	0.80 MAX
	CaO, %	5.00 MAX
8	WATER REQD FOR CASTING, %	8.0 to 9.0
9	BD, g/cc	
	After drying at 110°C / 24 hours	2.85 MIN
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	850 MIN
	After heating at 1100°C / 3 hours	450 MIN
	After heating at 1550°C / 3 hours	700 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.20 MAX
	After heating at 1550°C / 3 hours	± 0.70 MAX
12	REFRACTORINESS, orton /°C	37 / 1820 MIN.
13	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF TEMP	1.20 - 1.30
14	PACKAGING, Bags	50 KG
15	STORAGE LIFE, Months	9

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DELIVERY STATE

DRY