

DATA SHEET OF DENSE CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND AH 90 PATCH
2	DESCRIPTION	75 % ALUMINA PATCHING/ TROWELLING MATERIAL
3	MAX SERVICE TEMP, °C	1750
4	NATURE OF BOND	HYDRAULIC
5	GRAIN SIZE, MM	0 - 5
6	INSTALLATION	TROWELLING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	76.00 MIN
	Fe ₂ O ₃ , %	2.20 MAX
	CaO, %	6.00 MAX
8	WATER REQD FOR CASTING, %	13.0 to 15.0
9	BD, g/cc	
	After drying at 110°C / 24 hours	2.45 MIN
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	325 MIN
	After heating at 1100°C / 3 hours	175 MIN
	After heating at 1550°C / 3 hours	1100 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.20 MAX
	After heating at 1550°C / 3 hours	± 2.50 MAX
12	REFRACTORINESS, orton /°C	35 / 1785 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

16

DELIVERY STATE

DRY