

DATA SHEET OF DENSE CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND FH 45 SPL
2	DESCRIPTION	45 % ALUMINA CASTABLE (HIGH STRENGTH)
3	MAX SERVICE TEMP, °C	1350
4	NATURE OF BOND	HYDRAULIC
5	GRAIN SIZE, MM	0 - 5
6	INSTALLATION	TROWELLING / VIBRATION CASTING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	44.00 MIN
	Fe ₂ O ₃ , %	4.50 MAX
	CaO, %	8.70 MAX
8	WATER REQD FOR CASTING, %	12 to 14
9	BD, g/cc	
	After drying at 110°C / 24 hours	2.20 MIN
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	400 MIN
	After heating at 1100°C / 3 hours	200 MIN
	After heating at 1350°C / 3 hours	300 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.20 MAX
	After heating at 1350°C / 3 hours	± 1.00 MAX
12	REFRACTORINESS, orton /°C	15 / 1430 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

DATA SHEET OF DENSE CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND FH 45
2	DESCRIPTION	45 % ALUMINA CASTABLE
3	MAX SERVICE TEMP, °C	1400
4	NATURE OF BOND	HYDRAULIC
5	GRAIN SIZE, MM	0 - 5
6	INSTALLATION	TROWELLING / VIBRATION CASTING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	42.00 MIN
	Fe ₂ O ₃ , %	4.20 MAX
	CaO, %	6.20 MAX
8	WATER REQD FOR CASTING, %	12 to 14
9	BD, g/cc	
	After drying at 110°C / 24 hours	2.10 MIN
10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	250 MIN
	After heating at 1100°C / 3 hours	180 MIN
	After heating at 1350°C / 3 hours	250 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 1100°C / 3 hours	± 0.20 MAX



	After heating at 1350°C / 3 hours	± 1.00 MAX
12	REFRACTORINESS, orton /°C	20 / 1564 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