

## DATA SHEET OF LOW CEMENT CASTABLE

SL NO	PARAMETERS	SPECIFICATION
1	PRODUCT BRAND	IND LC 80
2	DESCRIPTION	80 % ALUMINA LC CASTABLE
3	MAX SERVICE TEMP, °C	1700
4	NATURE OF BOND	HYDRAULIC
5	MAX GRAIN SIZE, MM	6
6	INSTALLATION	VIBRATION CASTING
7	CHEMICAL ANALYSIS	
	Al <sub>2</sub> O <sub>3</sub> , %	80.00 MIN
	Fe <sub>2</sub> O <sub>3</sub> , %	1.80 MAX
	CaO, %	2.50 MAX
8	WATER REQD FOR CASTING, %	5 to 6
9	BD, g/cc	
	After drying at 110°C / 24 hours	2.85 MIN
10	CCS, kg/cm <sup>2</sup>	
	After drying at 110°C / 24 hours	800 MIN
	After heating at 800°C / 3 hours	900 MIN
	After heating at 1100°C / 3 hours	1000 MIN
	After heating at 1500°C / 3 hours	1200 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 800°C / 3 hours	± 0.20 MAX
	After heating at 1100°C / 3 hours	± 0.30 MAX
	After heating at 1500°C / 3 hours	± 1.00 MAX
12	REFRACTORINESS, °C	37 / 1820 MIN



13	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF	1.70 - 1.80
14	PACKAGING, Bags	50 KG
15	SHELF LIFE, Months	6
16	DELIVERY STATE	DRY