

DATA SHEET OF INSULATING CASTABLE

SL NO	PARAMETERS	SPECIFICATION
	EQUIVALENT TO	FIRELITE 2300 VLI
1	PRODUCT BRAND	IND INCAST VLI
2	DESCRIPTION	MEDIUM DENSITY HIGH PURITY INSULATING CASTABLE
3	MAX SERVICE TEMP, °C	1260
4	NATURE OF BOND	HYDRAULIC
5	MAX GRAIN SIZE, MM	6
6	INSTALLATION	TAMPING
7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	45.00 MIN
	Fe ₂ O ₃ , %	1.00 MAX
	CaO, %	12.00 MAX
	SiO ₂ , %	35 to 45
	TiO ₂ , %	0.5 - 1.0
	ALKALIES, %	1.0 MAX
8	WATER REQD FOR CASTING, %	35 - 45
9	BD, kg/m ³	
	After drying at 110°C / 24 hours	1050 MAX
10	CCS, N/mm ²	
	After drying at 110°C / 24 hours	7.0 MIN
	After heating at 815°C / 3 hours	5.0 MIN
	After heating at 1000°C / 3 hours	4.5 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 815°C / 2 hours	±0.20 MAX
	After heating at 1200°C / 2 hours	±0.40 MAX



12	THERMAL CONDUCTIVITY, w/mk	
	At 400°C HF	0.20 MAX
	At 600°C HF	0.23 MAX
13	PACKAGING, Bags	25 KG
14	SHELF LIFE, Months	12
15	DELIVERY STATE	DRY