



INSULATING CASTABLE

DATA SHEET	April - 19
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SR NO	PARAMETERS	SPECIFICATION
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1	PRODUCT BRAND	IND INCAST 6 HS
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2	DESCRIPTION	INSULATING REFRACTORY CASTABLE
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3	MAX SERVICE TEMP, °C	1200
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4	NATURE OF BOND	HYDRAULIC
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5	MAX GRAIN SIZE, MM	6
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6	INSTALLATION	TAMPING
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7	CHEMICAL ANALYSIS	
	Al ₂ O ₃ , %	25.00 MIN
	Fe ₂ O ₃ , %	3.50 MAX

8	WATER REQD FOR CASTING, %	45 to 55
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9	BD, g/cc	
	After drying at 110°C / 24 hours	0.60 - 0.75



10	CCS, kg/cm ²	
	After drying at 110°C / 24 hours	20 MIN
11	PERMANENT LINEAR CHANGE, %	
	After heating at 800°C / 3 hours	± 0.80 MAX
	After heating at 1100°C / 3 hours	± 1.20 MAX
12	THERMAL CONDUCTIVITY, kcal/m/hr/°C	
	At 500°C HF	0.20 MAX
13	REFRACTORINESS, Orton / °C	12 / 1337 MIN
14	PACKAGING, Bags	25 KG
15	SHELF LIFE, Months	9
16	DELIVERY STATE	DRY