



TECHNICAL DATA
FOR DENSE CASTABLE



BRAND NAME :	NC21 - 17M
RAW MATERIAL BASIS :	BAUXITE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1670
Dry castable required , Kg/m ³	2600
Approximate amount of water required for pouring , Liter /30Kg	2.4 – 3.1
Bulk density , Kg/m ³ after drying at 110°C	2650
Cold crushing strength , Kg/cm ² after drying at 110°C	300 – 500
after heating at 1430°C	400 – 600
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :
(calcined basis)

SiO ₂	12.1
Al ₂ O ₃	77.2
TiO ₂	3.0
Fe ₂ O ₃	2.2
CaO	4.5
Na ₂ O + K ₂ O + Li ₂ O	1.0

PACKING IN SACKS OF , Kg 30

The data are subject to reasonable variations and therefore should not be used for specification purposes .
ASTM Test Methods , where applicable , used for determination of data .

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