



TECHNICAL DATA
FOR DENSE CASTABLE – LCC



BRAND NAME :	<u>NC21 - 17LV</u>
RAW MATERIAL BASIS :	BAUXITE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1620
Dry castable required , Kg/m ³	2640
Approximate amount of water required for pouring , Liter /30Kg	1.5 – 2.0
Bulk density , Kg/m ³ after drying at 110°C	2690
Cold crushing strength , Kg/cm ² after drying at 110°C	600 – 900
after heating at 1430°C	900 – 1200
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :
(calcined basis)

SiO ₂	17.6
Al ₂ O ₃	74.0
TiO ₂	3.0
Fe ₂ O ₃	2.1
CaO	2.3
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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