



TECHNICAL DATA
FOR DENSE CASTABLE – LCC



BRAND NAME :	<u>NC21 - 17ANLV</u>
RAW MATERIAL BASIS :	BAUXITE - ANDALUSITE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1650
Dry castable required , Kg/m ³	2560
Approximate amount of water required for pouring , Liter /30Kg	1.5 – 1.9
Bulk density , Kg/m ³ after drying at 110°C	2590
Cold crushing strength , Kg/cm ² after drying at 110°C	600 – 800
after heating at 1430°C	800 – 1100
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :
(calcined basis)

SiO ₂	21.1
Al ₂ O ₃	71.0
TiO ₂	2.6
Fe ₂ O ₃	1.9
CaO	2.2
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 .

ES0100F02

(Preliminary Name: NC21 - 17LV/1)

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