



TECHNICAL DATA

FOR DENSE CASTABLE – LCC



BRAND NAME :	<u>NC21 - 15LV</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1500
Dry castable required , Kg/m ³	2230
Approximate amount of water required for pouring , Liter /25Kg	1.43 – 1.67
Bulk density , Kg/m ³ after drying at 110°C	2280
Cold crushing strength , Kg/cm ² after drying at 110°C	500 – 700
after heating at 1430°C	550 – 750
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	41.9
Al ₂ O ₃	50.2
TiO ₂	2.4
Fe ₂ O ₃	2.0
CaO	2.5
Na ₂ O + K ₂ O + Li ₂ O	1.0

PACKING IN SACKS OF , Kg 25

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

210295R2