



TECHNICAL DATA

FOR DENSE CASTABLE – LCC



BRAND NAME :

NC21 - 16LVMO

RAW MATERIAL BASIS :

CHAMOTTE - BAUXITE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1570
Dry castable required , Kg/m ³	2480
Approximate amount of water required for pouring , Liter /25Kg	1.1 – 1.4
Bulk density , Kg/m ³ after drying at 110°C	2520
Cold crushing strength , Kg/cm ² after drying at 110°C	800 – 1000
after heating at 1350°C	900 – 1300
Permanent Linear Change , % after heating at 1350°C	-1.5 to +1.5
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	31.9
Al ₂ O ₃	60.0
TiO ₂	2.4
Fe ₂ O ₃	2.1
CaO	2.5
Na ₂ O + K ₂ O + Li ₂ O	1.1

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

051100F