



TECHNICAL DATA

FOR DENSE CASTABLE – LCC



BRAND NAME :

NC21 - 15LVAL

RAW MATERIAL BASIS :

BAUXITE

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1350
Dry castable required , Kg/m ³	2700
Approximate amount of water required for pouring , Liter /25Kg	1.0 – 1.4
Bulk density , Kg/m ³ after drying at 110°C	2780
Cold crushing strength , Kg/cm ² after drying at 110°C	650 – 850
after heating at 1200°C	700 – 900
Permanent Linear Change , % after heating at 1200°C	-1.5 to +1.5
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(Calcined basis)

SiO ₂	15.1
Al ₂ O ₃ + BaO	75.3
TiO ₂	3.2
Fe ₂ O ₃	2.6
CaO	2.6
Na ₂ O + K ₂ O + Li ₂ O	1.2

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

(Preliminary Name: NE3 – 90)

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