



TECHNICAL DATA

FOR DENSE CASTABLE – LCC



BRAND NAME :

NC21 - 16ANLV

RAW MATERIAL BASIS :

ANDALUSITE - BAUXITE - CHAMOTTE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1550
Dry castable required , Kg/m ³	2560
Approximate amount of water required for pouring , Liter /25Kg	1.3 – 1.8
Bulk density , Kg/m ³ after drying at 110°C	2620
Cold crushing strength , Kg/cm ² after drying at 110°C	800 – 1000
after heating at 1430°C	1000 – 1200
Permanent Linear Change , % after heating at 1430°C	0.0 to +1.0
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	34.5
Al ₂ O ₃	60.0
TiO ₂	1.1
Fe ₂ O ₃	1.5
CaO	2.3
Na ₂ O + K ₂ O + Li ₂ O	0.6

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 .

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