



TECHNICAL DATA
FOR DENSE CASTABLE – NCC



BRAND NAME :

NC21 - 18NV

RAW MATERIAL BASIS :

TABULAR ALUMINA

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1800
Dry castable required , Kg/m ³	2950
Approximate amount of hardener liquid required for pouring , Liter /30Kg	2.4 – 3.0
Bulk density , Kg/m ³ after drying at 110°C	3000
Cold crushing strength , Kg/cm ² after drying at 110°C	300 – 500
after heating at 1600°C	700 – 900
Permanent Linear Change , % after heating at 1600°C	-1.5 to 0.0
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	2.8
Al ₂ O ₃	96.7
Fe ₂ O ₃	0.1
CaO	0.1
Na ₂ O + K ₂ O + Li ₂ O	0.3

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 .

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