



TECHNICAL DATA
FOR DENSE CASTABLE – LCC



BRAND NAME :

NC21 - 18LS

RAW MATERIAL BASIS :

TABULAR ALUMINA

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1880
Dry castable required , Kg/m ³	3050
Approximate amount of water required for pouring , Liter /30Kg	1.45 – 1.55
Bulk density , Kg/m ³ after drying at 110°C	3100
Cold crushing strength , Kg/cm ² after drying at 110°C	450 – 600
after heating at 1600°C	1000 – 1300

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	0.1
Al ₂ O ₃	98.1
Fe ₂ O ₃	0.1
CaO	1.4
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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