



TECHNICAL DATA

FOR DENSE CASTABLE – LCC



BRAND NAME :

NC51 - 16LVMO

RAW MATERIAL BASIS :

BAUXITE - SILICON CARBIDE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1550
Dry castable required , Kg/m ³	2600
Approximate amount of water required for pouring , Liter /25Kg	1.25 – 1.60
Bulk density , Kg/m ³ after drying at 110°C	2670
Cold crushing strength , Kg/cm ² after drying at 110°C	700 – 1000
after heating at 1430°C	600 – 900
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(calcind basis)

SiC	9.9
SiO ₂	17.3
Al ₂ O ₃	65.3
TiO ₂	2.5
Fe ₂ O ₃	1.5
CaO	2.5
Na ₂ O + K ₂ O + Li ₂ O	1.0

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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