



TECHNICAL DATA
FOR DENSE CASTABLE – LCC



BRAND NAME : **NC51 - 16ANLV**
RAW MATERIAL BASIS : TABULAR ALUMINA - ANDALUSITE - SILICON CARBIDE
PHYSICAL PROPERTIES :

Maximum service temperature , °C	1600
Dry castable required , Kg/m ³	2850
Approximate amount of water required for pouring , Liter /25Kg	0.95 – 1.30
Bulk density , Kg/m ³ after drying at 110°C	2900
Cold crushing strength , Kg/cm ² after drying at 110°C	600 – 800
after heating at 1430°C	800 – 1100
Permanent Linear Change , % after heating at 1430°C	0.0 to +1.5
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :
(calcined basis)

SiC	29.3
SiO ₂	10.9
Al ₂ O ₃	57.0
Fe ₂ O ₃	0.5
CaO	1.8
Na ₂ O + K ₂ O + Li ₂ O	0.5

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: NE2 – 89)

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