



TECHNICAL DATA

FOR DENSE CASTABLE – LCC



BRAND NAME :

NC51 - 15ANZRLV

RAW MATERIAL BASIS : BAUXITE - ANDALUSITE - ZIRCON - SILICON CARBIDE

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1600
Dry castable required , Kg/m ³	2800
Approximate amount of water required for pouring , Liter /25Kg	1.20 – 1.45
Bulk density , Kg/m ³ after drying at 110°C	2850
Cold crushing strength , Kg/cm ² after drying at 110°C	700 – 900
after heating at 1430°C	700 – 900
Permanent Linear Change , % after heating at 1430°C	0.0 to +1.0
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(calcined basis)

SiC	11.9
SiO ₂	24.6
Al ₂ O ₃	48.2
TiO ₂	1.5
ZrO ₂	9.8
Fe ₂ O ₃	1.4
CaO	1.8
Na ₂ O + K ₂ O + Li ₂ O	0.8

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: NC51 – 15AZLV)

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