



TECHNICAL DATA

FOR DENSE CASTABLE – LCC



BRAND NAME :

NC51 - 17LV

TYPE OF PRODUCT :

SILICON CARBIDE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1600
Dry castable required , Kg/m ³	2950
Approximate amount of water required for pouring , Liter /25Kg	0.85 – 1.15
Bulk density , Kg/m ³ after drying at 110°C	3000
Cold crushing strength , Kg/cm ² after drying at 110°C	600 – 800
after heating at 1550°C	700 – 90

CHEMICAL ANALYSIS :

(calcined basis)

SiC	29.3
SiO ₂	0.6
Al ₂ O ₃	67.3
Fe ₂ O ₃	0.1
CaO	2.0
Na ₂ O + K ₂ O + Li ₂ O	0.7

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: NE1 – 85)

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