



TECHNICAL DATA

FOR DENSE CASTABLE – LCC

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BRAND NAME :

NC21 - 18CRLS

TYPE OF PRODUCT :

ALUMINA CHROM

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1800
Dry castable required , Kg/m <sup>3</sup>	3000
Approximate amount of water required for pouring , Liter /30Kg	1.44 – 1.74
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	3050
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	550 – 750
after heating at 1500°C	1000 – 1500

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	0.1
Al <sub>2</sub> O <sub>3</sub>	97.1
Fe <sub>2</sub> O <sub>3</sub>	0.1
CaO	1.4
Cr <sub>2</sub> O <sub>3</sub>	1.0
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> 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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