



TECHNICAL DATA

FOR DENSE CASTABLE  
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BRAND NAME :

NC21 - 17CH

TYPE OF PRODUCT :

ALUMINA CHOROMITE

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1650
Dry castable required , Kg/m <sup>3</sup>	2600
Approximate amount of water required for pouring , Liter /30Kg	2.3 – 2.8
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	2700
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	500 – 700
after heating at 1430°C	500 – 700

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	6.3
Al <sub>2</sub> O <sub>3</sub>	71.6
TiO <sub>2</sub>	2.5
Fe <sub>2</sub> O <sub>3</sub>	4.0
CaO	5.0
MgO	4.6
Cr <sub>2</sub> O <sub>3</sub>	5.4
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	0.6

PACKING IN SACKS OF , Kg

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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: NE6 – 82)

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