



TECHNICAL DATA

FOR DENSE CASTABLE

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BRAND NAME :

NC21 - 16M

RAW MATERIAL BASIS :

CHAMOTTE - BAUXITE

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1550
Dry castable required , Kg/m <sup>3</sup>	2310
Approximate amount of water required for pouring , Liter /25Kg	2.2 – 2.7
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	2400
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	400 – 600
after heating at 1430°C	500 – 700
Permanent Linear Change , % after heating at 1430°C	-1.0 to +1.0
Grain Size , mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	30.8
Al <sub>2</sub> O <sub>3</sub>	60.0
TiO <sub>2</sub>	2.1
Fe <sub>2</sub> O <sub>3</sub>	1.9
CaO	4.2
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	1.0

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 .

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