



TECHNICAL DATA

FOR DENSE CASTABLE



BRAND NAME :

NC21 - 16M

RAW MATERIAL BASIS :

CHAMOTTE - BAUXITE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1550
Dry castable required , Kg/m ³	2350
Approximate amount of water required for pouring , Liter /25Kg	2.2 – 2.7
Bulk density , Kg/m ³ after drying at 110°C	2400
Cold crushing strength , Kg/cm ² after drying at 110°C	300 – 400
after heating at 1430°C	300 – 450
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain Size , mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	26.9
Al ₂ O ₃	64.1
TiO ₂	2.6
Fe ₂ O ₃	2.1
CaO	3.3
Na ₂ O + K ₂ O + Li ₂ O	1.0

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 .

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