



TECHNICAL DATA

FOR DENSE CASTABLE



BRAND NAME :

NC21 - 15

RAW MATERIAL BASIS :

CHAMOTTE- MULLITE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1540
Dry castable required , Kg/m ³	2330
Approximate amount of water required for pouring , Liter /25Kg	1.7 – 2.2
Bulk density , Kg/m ³ after drying at 110°C	2400
Cold crushing strength , Kg/cm ² after drying at 110°C	600 – 800
after heating at 1450°C	1000 – 1200
Permanent Linear Change , % after heating at 1450°C	-1.0 to 0.0
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	39.6
Al ₂ O ₃	50.0
TiO ₂	1.9
Fe ₂ O ₃	2.1
CaO	5.3
Na ₂ O + K ₂ O + Li ₂ O	1.1

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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