



TECHNICAL DATA
FOR DENSE CASTABLE



BRAND NAME :

NC21 - 17

RAW MATERIAL BASIS :

BAUXITE - ANDALUSITE

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1600
Dry castable required , Kg/m ³	2500
Approximate amount of water required for pouring , Liter /30Kg	2.3 – 2.8
Bulk density , Kg/m ³ after drying at 110°C	2600
Cold crushing strength , Kg/cm ² after drying at 110°C	400 – 600
after heating at 1430°C	600 – 800
Permanent Linear Change , % after heating at 1430°C	-1.5 to 0.0
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	18.3
Al ₂ O ₃	73.1
TiO ₂	2.2
Fe ₂ O ₃	1.9
CaO	3.6
Na ₂ O + K ₂ O + Li ₂ O	0.9

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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