



TECHNICAL DATA
FOR DENSE CASTABLE



BRAND NAME :

NC21 - 16EX

RAW MATERIAL BASIS :

CHAMOTTE - BAUXITE

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1550
Dry castable required , Kg/m ³	2370
Approximate amount of water required for pouring , Liter /25Kg	2.2 – 2.6
Bulk density , Kg/m ³ after drying at 110°C	2450
Cold crushing strength , Kg/cm ² after drying at 110°C	450 – 650
after heating at 1430°C	400 – 600
Permanent Linear Change , % after heating at 1430°C	-1.0 to +1.0
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	26.1
Al ₂ O ₃	63.9
TiO ₂	2.3
Fe ₂ O ₃	1.8
CaO	4.8
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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