



**TECHNICAL DATA
FOR DENSE CASTABLE**



BRAND NAME :

NC21 - 16EXMO

RAW MATERIAL BASIS :

CHAMOTTE - BAUXITE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1500
Dry castable required , Kg/m ³	2310
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	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 ₂	30.8
Al ₂ O ₃	60.0
TiO ₂	2.1
Fe ₂ O ₃	1.9
CaO	4.2
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 .

ES0100F02

170801F