



TECHNICAL DATA
FOR DENSE CASTABLE



BRAND NAME :	NC21 - 17EX
RAW MATERIAL BASIS :	BAUXITE - TABULAR ALUMINA
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1600
Dry castable required , Kg/m ³	2680
Approximate amount of water required for pouring , Liter /30Kg	2.2 – 2.7
Bulk density , Kg/m ³ after drying at 110°C	2780
Cold crushing strength , Kg/cm ² after drying at 110°C	400 – 600
after heating at 1500°C	400 – 600
Permanent Linear Change , % after heating at 1500°C	-1.0 to +1.0
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	4.3
Al ₂ O ₃	88.5
TiO ₂	1.5
Fe ₂ O ₃	1.0
CaO	4.0
Na ₂ O + K ₂ O + Li ₂ O	0.7

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 .

ES0100F02

231099R11