



TECHNICAL DATA
FOR DENSE CASTABLE – LCC



BRAND NAME :	NC21 - 17EXLS
TYPE OF PRODUCT :	HIGH ALUMINA
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1550
Dry castable required , Kg/m ³	2950
Approximate amount of water required for pouring , Liter /30Kg	1.6 – 1.8
Bulk density , Kg/m ³ after drying at 110°C	3000
Cold crushing strength , Kg/cm ² after drying at 110°C	400 – 600
after heating at 1430°C	1000 – 1400

CHEMICAL ANALYSIS :
(calcined basis)

SiO ₂	4.0
Al ₂ O ₃	90.5
TiO ₂	1.8
Fe ₂ O ₃	1.4
CaO	1.7
Na ₂ O + K ₂ O + Li ₂ O	0.6

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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