



TECHNICAL DATA

FOR DENSE CASTABLE – LCC



BRAND NAME : NC21 - 17EXLV/1
RAW MATERIAL BASIS : TABULAR ALUMINA - BAUXITE - ANDALUSITE
PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1650
Dry castable required , Kg/m ³	2850
Approximate amount of water required for pouring , Liter /30Kg	1.2 – 1.6
Bulk density , Kg/m ³ after drying at 110°C	2900
Cold crushing strength , Kg/cm ² after drying at 110°C	700 – 900
after heating at 1430°C	800 – 1000
Permanent Linear Change , % after heating at 1430°C	- 1.0 to +1.0
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	14.1
Al ₂ O ₃	81.6
TiO ₂	1.0
Fe ₂ O ₃	0.9
CaO	1.7
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 .

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