



TECHNICAL DATA

FOR INSULATING CASTABLE



BRAND NAME :	NC13 - 11
TYPE OF PRODUCT :	FIRECLAY
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1100
Dry castable required , Kg/m ³	650
Approximate amount of water required for pouring , Liter /15Kg	10.2 – 11.7
Bulk density , Kg/m ³ after drying at 110°C	680
Cold crushing strength , Kg/cm ² after drying at 110°C	10 – 20
after heating at 815°C	10 – 20
Thermal conductivity , Kcal/h.m. °c at 400°C	0.16

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	51.4
Al ₂ O ₃	18.5
TiO ₂	1.6
Fe ₂ O ₃	7.8
CaO	18.7
Na ₂ O+K ₂ O+Li ₂ O	2.0

PACKING IN SACKS OF , Kg **15**

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

(Preliminary Name: NE2 – 83)

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