



TECHNICAL DATA

FOR INSULATION CASTABLE



BRAND NAME :

NC13 - 6

TYPE OF PRODUCT :

FIRECLAY

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	600
Dry castable required , Kg/m ³	650
Approximate amount of water required for pouring , Liter /15Kg	9.3 – 12.3
Bulk density , Kg/m ³ after drying at 110°C	700
Cold crushing strength , Kg/cm ² after drying at 110°C	2 – 4
after heating at 540°C	2 – 3
Thermal conductivity , Kcal/h.m.°C at 100°C	0.27
200°C	0.28

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	63.2
Al ₂ O ₃	11.8
Fe ₂ O ₃	3.8
CaO	17.5
Na ₂ O + K ₂ O + Li ₂ O	3.7

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 .

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