



## 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 <sup>3</sup>	650
Approximate amount of water required for pouring , Liter /15Kg	9.3 – 12.3
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	700
Cold crushing strength , Kg/cm <sup>2</sup> 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 <sub>2</sub>	63.2
Al <sub>2</sub> O <sub>3</sub>	11.8
Fe <sub>2</sub> O <sub>3</sub>	3.8
CaO	17.5
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> 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 .

ES0100F02

250590R3