



TECHNICAL DATA

FOR INSULATING CASTABLE & GUNNING MIX



BRAND NAME :	NC13 - 11
RAW MATERIAL BASIS :	CHAMOTTE
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
Permanent Linear Change , % after heating at 815°C	-1.5 to 0.0
Grain size, mm	0 – 4

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	51.5
Al ₂ O ₃	20.0
TiO ₂	1.5
Fe ₂ O ₃	7.0
CaO	17.0
Na ₂ O+K ₂ O+Li ₂ O	3.0

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 .

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(Preliminary Name: NE2 – 83)

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