



TECHNICAL DATA



FOR INSULATING CASTABLE & GUNNING MIX

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BRAND NAME :	<u>NC13 - 11</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1100
Dry castable required , Kg/m <sup>3</sup>	650
Approximate amount of water required for pouring , Liter /15Kg	10.2 – 11.7
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	680
Cold crushing strength , Kg/cm <sup>2</sup> 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 <sub>2</sub>	51.5
Al <sub>2</sub> O <sub>3</sub>	20.0
TiO <sub>2</sub>	1.5
Fe <sub>2</sub> O <sub>3</sub>	7.0
CaO	17.0
Na <sub>2</sub> O+K <sub>2</sub> O+Li <sub>2</sub> 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 .

ES0100F02

(Preliminary Name: NE2 – 83)

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