

TECHNICAL DATA
FOR INSULATION CASTABLE



BRAND NAME :	<u>NC13 - 8</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	750
Dry castable required , Kg/m ³	750
Approximate amount of water required for pouring , Liter /15Kg	7.5 – 9.0
Bulk density , Kg/m ³ after drying at 110°C	800
Cold crushing strength , Kg/cm ² after drying at 110°C	10 – 20
after heating at 540°C	10 – 20
Thermal conductivity , Kcal/h.m.°C at 400°C	0.16
Permanent Linear Change , % after heating at 540°C	- 0.8 to 0.0
Grain size, mm	0 – 4

CHEMICAL ANALYSIS :
(calcined basis)

SiO ₂	52.2
Al ₂ O ₃	19.8
TiO ₂	1.2
Fe ₂ O ₃	6.7
CaO	17.2
Na ₂ O + K ₂ O + Li ₂ O	2.9

PACKING IN SACKS OF , Kg

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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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