



TECHNICAL DATA

FOR INSULATION GUNNING MIX



BRAND NAME :	NG13 - 11VR
RAW MATERIAL BASIS :	VERMICULITE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1100
Dry gunning mix required , Kg/m ³	680
Approximate amount of water required for pouring , Liter /15Kg	13.5 – 17.0
Bulk density , Kg/m ³ after drying at 110°C	700
Cold crushing strength , Kg/cm ² after drying at 110°C	7 – 15
after heating at 815°C	7 – 15
Permanent Linear Change , % after heating at 815°C	-1.5 to +1.5
Grain size, mm	0 – 4

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	45.2
Al ₂ O ₃	15.0
TiO ₂	0.3
Fe ₂ O ₃	6.2
CaO	19.7
MgO	9.5
Na ₂ O + K ₂ O + Li ₂ O	4.1

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: NE3 – 89)

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