



TECHNICAL DATA
FOR LIGHT WEIGHT GUNNING MIX



BRAND NAME :	NG12 - 10
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1000
Dry castable required , Kg/m ³	750
Approximate amount of water required for pouring , Liter /15Kg	11.5 – 13.5
Bulk density , Kg/m ³ after drying at 110°C	780
Cold crushing strength , Kg/cm ² after drying at 110°C	15 – 20
after heating at 1000°C	12 – 14
Thermal conductivity , Kcal/h.m.°C at 400°C	0.20
600°C	0.22
800°C	0.23
Permanent Linear Change , % after heating at 800°C	-1.5 to 0.0
Grain size, mm	0 – 4

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	49.8
Al ₂ O ₃	24.0
TiO ₂	1.5
Fe ₂ O ₃	6.0
CaO	17.2
Na ₂ O + K ₂ O + Li ₂ O	1.5

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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