



TECHNICAL DATA

FOR LIGHT WEIGHT GUNNING MIX



BRAND NAME :	NG12 - 13
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1300
Dry gunning mix required , Kg/m ³	1370
Approximate amount of water required for pouring , Liter /30Kg	7.6 – 9.5
Bulk density , Kg/m ³ after drying at 110°C	1430
Cold crushing strength , Kg/cm ² after drying at 110°C	35 – 55
after heating at 1260°C	45 – 65
Permanent Linear Change , % after heating at 1260°C	-1.5 to 0.0
Grain size, mm	0 – 4
Thermal conductivity , Kcal/h.m.°C at 400°C	0.35
600°C	0.38
800°C	0.41

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	42.3
Al ₂ O ₃	34.0
TiO ₂	2.0
Fe ₂ O ₃	6.7
CaO	12.5
Na ₂ O + K ₂ O + Li ₂ O	2.5

PACKING IN SACKS OF , Kg 30

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

270399R3