



TECHNICAL DATA

FOR DENSE GUNNING MIX - LCG



BRAND NAME :	NG51 - 13L
RAW MATERIAL BASIS :	CHAMOTTE – SILICON CARBIDE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1300
Dry gunning mix required , Kg/m ³	1900
Approximate amount of water required for pouring , Liter /25Kg	3.6 – 3.8
Bulk density , Kg/m ³ after drying at 110°C	2000
Cold crushing strength , Kg/cm ² after drying at 110°C	180 – 280
after heating at 1200°C	180 – 280
Permanent Linear Change , % after heating at 1200°C	-1.5 to +1.5
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :

(calcined basis)

SiC	5.0
SiO ₂	41.1
Al ₂ O ₃	41.0
TiO ₂	2.9
Fe ₂ O ₃	3.6
CaO	5.6
Na ₂ O + K ₂ O + Li ₂ O	0.8

PACKING IN SACKS OF , Kg **25**

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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