



TECHNICAL DATA
FOR DENSE GUNNING MIX - LCG



BRAND NAME :	NG51 - 14L
RAW MATERIAL BASIS :	CHAMOTTE – BAUXITE – SILICON CARBIDE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1450
Dry gunning mix required , Kg/m ³	2190
Approximate amount of water required for pouring , Liter /25Kg	2.0 – 2.2
Bulk density , Kg/m ³ after drying at 110°C	2250
Cold crushing strength , Kg/cm ² after drying at 110°C	300 – 450
after heating at 1430°C	600 – 800
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :
(calcined basis)

SiC	27.5
SiO ₂	33.2
Al ₂ O ₃	32.8
TiO ₂	1.6
Fe ₂ O ₃	1.5
CaO	2.4
Na ₂ O + K ₂ O + Li ₂ O	1.0

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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