



TECHNICAL DATA
FOR DENSE GUNNING MIX - LCG



BRAND NAME :	NG51 - 15EXL
RAW MATERIAL BASIS :	CHAMOTTE – BAUXITE – SILICON CARBIDE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1500
Dry gunning mix required , Kg/m ³	2220
Approximate amount of water required for pouring , Liter /25Kg	2.5 – 2.9
Bulk density , Kg/m ³ after drying at 110°C	2280
Cold crushing strength , Kg/cm ² after drying at 110°C	250 – 350
after heating at 1430°C	400 – 600
Permanent Linear Change , % after heating at 1430°C	-1.5 to 0.0
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :
(calcined basis)

SiC	5.0
SiO ₂	32.0
Al ₂ O ₃	55.0
TiO ₂	2.1
Fe ₂ O ₃	1.9
CaO	3.1
Na ₂ O + K ₂ O + Li ₂ O	0.9

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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