



TECHNICAL DATA

FOR DENSE GUNNING MIX - LCG



BRAND NAME :

NG51 - 16L

RAW MATERIAL BASIS :

BAUXITE – SILICON CARBIDE

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1550
Dry gunning mix required , Kg/m ³	2400
Approximate amount of water required for pouring , Liter /25Kg	2.2 – 2.5
Bulk density , Kg/m ³ after drying at 110°C	2450
Cold crushing strength , Kg/cm ² after drying at 110°C	150 – 250
after heating at 1430°C	400 – 600
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :

(calcined basis)

SiC	14.9
SiO ₂	17.1
Al ₂ O ₃	60.0
TiO ₂	2.5
Fe ₂ O ₃	1.8
CaO	2.8
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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