



TECHNICAL DATA

FOR DENSE GUNNING MIX - LCG



BRAND NAME :

NG51 - 17EXL

RAW MATERIAL BASIS :

TBULAR ALUMINA – SILICON CARBIDE

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1550
Dry castable required , Kg/m ³	2700
Approximate amount of water required for pouring , Liter /25Kg	2.1 – 2.6
Bulk density , Kg/m ³ after drying at 110°C	2750
Cold crushing strength , Kg/cm ² after drying at 110°C	500 – 700
after heating at 1430°C	700 – 900
Permanent Linear Change , % after heating at 1430°C	-1.5 to +0.0
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :

(calcined basis)

SiC	10.0
SiO ₂	5.9
Al ₂ O ₃	80.0
TiO ₂	0.2
Fe ₂ O ₃	0.4
CaO	3.0
Na ₂ O + K ₂ O + Li ₂ O	0.5

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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