



TECHNICAL DATA
FOR DENSE GUNNING MIX - LCG



BRAND NAME : NG51 - 15EXANL
RAW MATERIAL BASIS : BAUXITE - ANDALUSITE - SILICON CARBIDE
PHYSICAL PROPERTIES :

Maximum service temperature , °C	1500
Dry castable required , Kg/m ³	2270
Approximate amount of water required for pouring , Liter /25Kg	2.3 – 2.8
Bulk density , Kg/m ³ after drying at 110°C	2320
Cold crushing strength , Kg/cm ² after drying at 110°C	200 – 400
after heating at 1430°C	300 – 500
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :
(calcined basis)

SiC	10.0
SiO ₂	27.7
Al ₂ O ₃	55.0
TiO ₂	1.9
Fe ₂ O ₃	1.6
CaO	3.0
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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