



TECHNICAL DATA
FOR DENSE GUNNING MIX - LCG



BRAND NAME :

NG21 - 18L

RAW MATERIAL BASIS :

TABULAR ALUMINA

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1800
Dry gunning mix required , Kg/m ³	2760
Approximate amount of water required for pouring , Liter /30Kg	2.6 – 3.2
Bulk density , Kg/m ³ after drying at 110°C	2860
Cold crushing strength , Kg/cm ² after drying at 110°C	200 – 350
after heating at 1430°C	200 – 400
Permanent Linear Change , % after heating at 1430°C	-1.0 to +1.0
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	0.3
Al ₂ O ₃	96.2
TiO ₂	0.1
Fe ₂ O ₃	0.1
CaO	2.8
Na ₂ O + K ₂ O + Li ₂ O	0.5

PACKING IN SACKS OF , Kg 30

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 .

ES0100F02

081000F