



TECHNICAL DATA
FOR DENSE GUNNING MIX - LCG



BRAND NAME :	NG21 - 17EXL
RAW MATERIAL BASIS :	TABULAR ALUMINA - BAUXITE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1600
Dry gunning mix required , Kg/m ³	2630
Approximate amount of water required for pouring , Liter /30Kg	2.3 – 2.8
Bulk density , Kg/m ³ after drying at 110°C	2710
Cold crushing strength , Kg/cm ² after drying at 110°C	400 – 600
after heating at 1430°C	500 – 700
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :
(calcined basis)

SiO ₂	9.8
Al ₂ O ₃	84.5
TiO ₂	1.1
Fe ₂ O ₃	0.8
CaO	3.0
Na ₂ O + K ₂ O + Li ₂ O	0.8

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

310201F