



TECHNICAL DATA
FOR DENSE GUNNING MIX - LCG



BRAND NAME :	NG21 - 17L
RAW MATERIAL BASIS :	BAUXITE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1550
Dry gunning mix required , Kg/m ³	2360
Approximate amount of water required for pouring , Liter /25Kg	2.4 – 3.0
Bulk density , Kg/m ³ after drying at 110°C	2420
Cold crushing strength , Kg/cm ² after drying at 110°C	200 – 350
after heating at 1430°C	350 – 550
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :
(calcined basis)

SiO ₂	20.0
Al ₂ O ₃	71.1
TiO ₂	2.8
Fe ₂ O ₃	1.8
CaO	3.2
Na ₂ O + K ₂ O + Li ₂ O	1.1

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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