



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 .

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