



TECHNICAL DATA
FOR DENSE GUNNING MIX - LCG



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|---|-------------------|
| BRAND NAME : | <u>NG21 - 16L</u> |
| RAW MATERIAL BASIS : | CHAMOTTE |
| PHYSICAL PROPERTIES : | |
| Maximum service temperature ,°C | 1500 |
| Dry gunning mix required , Kg/m ³ | 2160 |
| Approximate amount of water required for pouring , Liter /25Kg | 2.4 – 3.0 |
| Bulk density , Kg/m ³ after drying at 110°C | 2220 |
| 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)

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| SiO ₂ | 35.3 |
| Al ₂ O ₃ | 56.5 |
| TiO ₂ | 2.3 |
| Fe ₂ O ₃ | 2.0 |
| 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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