



TECHNICAL DATA
FOR DENSE GUNNING MIX



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|---|---------------------|
| BRAND NAME : | NG11 - 13 |
| RAW MATERIAL BASIS : | CHAMOTTE |
| PHYSICAL PROPERTIES : | |
| Maximum service temperature ,°C | 1300 |
| Dry gunning mix required , Kg/m ³ | 2000 |
| Approximate amount of water required for pouring , Liter /25Kg | 3.9 – 4.4 |
| Bulk density , Kg/m ³ after drying at 110°C | 2100 |
| Cold crushing strength , Kg/cm ² after drying at 110°C | 170 – 270 |
| after heating at 1260°C | 150 – 250 |
| Permanent Linear Change , % after heating at 1260°C | -1.5 to +1.5 |
| Grain size, mm | 0 – 5 |

CHEMICAL ANALYSIS :

(calcined basis)

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|--|-------------|
| SiO ₂ | 42.9 |
| Al ₂ O ₃ | 39.5 |
| TiO ₂ | 3.1 |
| Fe ₂ O ₃ | 5.2 |
| CaO | 8.2 |
| 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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