



TECHNICAL DATA

FOR DENSE COATING MIX



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|---|---------------------|
| BRAND NAME : | NC11 - 13F |
| RAW MATERIAL BASIS : | CHAMOTTE |
| PHYSICAL PROPERTIES : | |
| Maximum service temperature , °C | 1300 |
| Dry castable required , Kg/m ³ | 1780 |
| Approximate amount of water required for coating , Liter /25Kg | 4.2 – 4.8 |
| Bulk density , Kg/m ³ after drying at 110°C | 1900 |
| Cold crushing strength , Kg/cm ² after drying at 110°C | 200 – 300 |
| after heating at 1100°C | 150 – 250 |
| Permanent Linear Change , % after heating at 1100°C | -1.5 to +1.5 |
| Grain size, mm | 0 – 0.5 |

CHEMICAL ANALYSIS :

(calcined basis)

| | |
|--|-------------|
| SiO ₂ | 42.7 |
| Al ₂ O ₃ | 37.1 |
| TiO ₂ | 2.5 |
| Fe ₂ O ₃ | 5.9 |
| CaO | 10.2 |
| Na ₂ O + K ₂ O + Li ₂ O | 1.6 |

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 .

ES0100F02

(Preliminary Name: NE3 – 82)

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