



TECHNICAL DATA
FOR DENSE CASTABLE



BRAND NAME :

NC21 - 16EXMO

RAW MATERIAL BASIS :

CHAMOTTE - BAUXITE

PHYSICAL PROPERTIES :

| | |
|---|--------------|
| Maximum service temperature ,°C | 1500 |
| Dry castable required , Kg/m ³ | 2310 |
| Approximate amount of water required for pouring , Liter /25Kg | 2.2 – 2.7 |
| Bulk density , Kg/m ³ after drying at 110°C | 2400 |
| Cold crushing strength , Kg/cm ² after drying at 110°C | 400 – 600 |
| after heating at 1430°C | 500 – 700 |
| Permanent Linear Change , % after heating at 1430°C | -1.0 to +1.0 |
| Grain size, mm | 0 – 8 |

CHEMICAL ANALYSIS :

(calcined basis)

| | |
|--|------|
| SiO ₂ | 30.8 |
| Al ₂ O ₃ | 60.0 |
| TiO ₂ | 2.1 |
| Fe ₂ O ₃ | 1.9 |
| CaO | 4.2 |
| Na ₂ O + K ₂ O + Li ₂ O | 1.0 |

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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