



TECHNICAL DATA

FOR DENSE CASTABLE – ULCC



BRAND NAME :

NC21 - 18ULV

TYPE OF PRODUCT :

HIGH ALUMINA

PHYSICAL PROPERTIES :

| | |
|---|-------------|
| Maximum service temperature ,°C | 1880 |
| Dry castable required , Kg/m ³ | 3050 |
| Approximate amount of water required for pouring , Liter /30Kg | 1.1 – 1.5 |
| Bulk density , Kg/m ³ after drying at 110°C | 3100 |
| Cold crushing strength , Kg/cm ² after drying at 110°C | 350 – 500 |
| after heating at 1600°C | 1200 – 1500 |

CHEMICAL ANALYSIS :

(calcined basis)

| | |
|--|------|
| SiO ₂ | 0.1 |
| Al ₂ O ₃ | 98.6 |
| Fe ₂ O ₃ | 0.1 |
| CaO | 0.8 |
| Na ₂ O + K ₂ O + Li ₂ O | 0.4 |

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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