



TECHNICAL DATA

FOR DENSE CASTABLE



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|---|-------------------|
| BRAND NAME : | NC11 - 14V |
| TYPE OF PRODUCT : | FIRECLAY |
| PHYSICAL PROPERTIES : | |
| Maximum service temperature ,°C | 1400 |
| Dry castable required , Kg/m ³ | 2100 |
| Approximate amount of water required for pouring , Liter /25Kg | 2.0 – 2.5 |
| Bulk density , Kg/m ³ after drying at 110°C | 2150 |
| Cold crushing strength , Kg/cm ² after drying at 110°C | 400 – 550 |
| after heating at 1320°C | 450 – 700 |

CHEMICAL ANALYSIS :

(calcined basis)

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|--|------|
| SiO ₂ | 45.2 |
| Al ₂ O ₃ | 41.4 |
| TiO ₂ | 4.2 |
| Fe ₂ O ₃ | 2.5 |
| CaO | 5.7 |
| 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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