



## TECHNICAL DATA

### FOR DENSE CASTABLE

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

### CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	45.2
Al <sub>2</sub> O <sub>3</sub>	41.4
TiO <sub>2</sub>	4.2
Fe <sub>2</sub> O <sub>3</sub>	2.5
CaO	5.7
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> 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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