



## TECHNICAL DATA

### FOR DENSE CASTABLE

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<b>BRAND NAME :</b>	<b>NC11 - 14</b>
<b>RAW MATERIAL BASIS:</b>	<b>CHAMOTTE</b>
<b>PHYSICAL PROPERTIES :</b>	
Maximum service temperature ,°C	1400
Dry castable required , Kg/m <sup>3</sup>	2050
Approximate amount of water required for pouring , Liter /25Kg	2.5 – 3.0
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	300 – 450
after heating at 1260°C	300 – 450
Permanent Linear Change , % after heating at 1260°C	-1.5 to +1.5
Grain size, mm	0 – 6

### CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	43.8
Al <sub>2</sub> O <sub>3</sub>	42.5
TiO <sub>2</sub>	4.3
Fe <sub>2</sub> O <sub>3</sub>	2.6
CaO	5.5
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	1.3

**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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