



## TECHNICAL DATA

### FOR LIGHT WEIGHT CASTABLE

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<b>BRAND NAME :</b>	<b>NC12 - 13/3</b>
<b>RAW MATERIAL BASIS :</b>	<b>CHAMOTTE</b>
<b>PHYSICAL PROPERTIES :</b>	
Maximum service temperature ,°C	1260
Dry castable required , Kg/m <sup>3</sup>	859
Approximate amount of water required for pouring , Liter /20Kg	8.4 – 10
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	1000
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	20 – 40
after heating at 1150°C	18 – 30
Permanent Linear Change , % after heating at 1150°C	-1.5 to 0.0
Grain size, mm	0 – 6

### CHEMICAL ANALYSIS :

(Calcined basis)

SiO <sub>2</sub>	47.8
Al <sub>2</sub> O <sub>3</sub>	34.8
TiO <sub>2</sub>	1.8
Fe <sub>2</sub> O <sub>3</sub>	2.0
CaO	10.8
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	2.8

**PACKING IN SACKS OF , Kg** **20**

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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