



TECHNICAL DATA

FOR DENSE CASTABLE

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BRAND NAME : **NC11 - 13VC**

RAW MATERIAL BASIS : **CHAMOTTE**

PHYSICAL PROPERTIES :

Maximum service temperature ,°C	1300
Dry castable required , Kg/m <sup>3</sup>	2170
Approximate amount of water required for pouring , Liter /25Kg	2.5 – 2.9
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	2200
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	400 – 600
after heating at 1260°C	400 – 600
Permanent Linear Change , % after heating at 1260°C	-1.5 to +1.5
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	46.3
Al <sub>2</sub> O <sub>3</sub>	38.0
TiO <sub>2</sub>	3.5
Fe <sub>2</sub> O <sub>3</sub>	4.5
CaO	6.5
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	1.2

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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