



TECHNICAL DATA

FOR DENSE CASTABLE



BRAND NAME :	<u>NC21 - 16V</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1540
Dry castable required , Kg/m ³	2240
Approximate amount of water required for pouring , Liter /25Kg	2.1 – 2.5
Bulk density , Kg/m ³ after drying at 110°C	2300
Cold crushing strength , Kg/cm ² after drying at 110°C	400 – 600
after heating at 1430°C	500 – 700
Permanent Linear Change , % after heating at 1430°C	-1.5 to +1.5
Grain Size , mm	0 – 8

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	46.9
Al ₂ O ₃	45.0
TiO ₂	2.1
Fe ₂ O ₃	1.8
CaO	3.2
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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