



TECHNICAL DATA

FOR DENSE CASTABLE



BRAND NAME :	<u>NC11 - 13VC</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1300
Dry castable required , Kg/m ³	2170
Approximate amount of water required for pouring , Liter /25Kg	2.5 – 2.9
Bulk density , Kg/m ³ after drying at 110°C	2200
Cold crushing strength , Kg/cm ² 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 ₂	46.3
Al ₂ O ₃	38.0
TiO ₂	3.5
Fe ₂ O ₃	4.5
CaO	6.5
Na ₂ O + K ₂ O + Li ₂ 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 .

ES0100F02

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