



TECHNICAL DATA

FOR DENSE CASTABLE



BRAND NAME :	<u>NC11 – 14MO</u>
RAW MATERIAL BASIS:	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1400
Dry castable required , Kg/m ³	2150
Approximate amount of water required for pouring , Liter /25Kg	2.2 – 2.8
Bulk density , Kg/m ³ after drying at 110°C	2200
Cold crushing strength , Kg/cm ² after drying at 110°C	350 – 500
after heating at 1260°C	400 – 600
Permanent Linear Change , % after heating at 1260°C	-1.5 to +1.5
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	38.8
Al ₂ O ₃	48.0
TiO ₂	4.1
Fe ₂ O ₃	2.6
CaO	5.4
Na ₂ O + K ₂ O + Li ₂ O	1.1

PACKING IN SACKS OF , Kg	25
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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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