



TECHNICAL DATA

FOR LIGHT WEIGHT CASTABLE



BRAND NAME :	<u>NC12 - 11</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1100
Dry castable required , Kg/m ³	1250
Approximate amount of water required for pouring , Liter /25Kg	6.5 – 7.5
Bulk density , Kg/m ³ after drying at 110°C	1350
Cold crushing strength , Kg/cm ² after drying at 110°C	60 – 90
after heating at 815°C	55 – 75
Permanent Linear Change , % after heating at 815°C	- 1.5 to 0.0
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	44.6
Al ₂ O ₃	31.0
TiO ₂	2.1
Fe ₂ O ₃	7.4
CaO	12.4
Na ₂ O+K ₂ O+Li ₂ O	2.5

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

(Preliminary Name: NE3 – 83)

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