



TECHNICAL DATA
FOR LIGHT WEIGHT CASTABLE



BRAND NAME :	NC22 - 16
TYPE OF PRODUCT :	HIGH ALUMINA
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1450
Dry castable required , Kg/m ³	1640
Approximate amount of water required for pouring , Liter /30Kg	5.4 – 6.6
Bulk density , Kg/m ³ after drying at 110°C	1700
Cold crushing strength , Kg/cm ² after drying at 110°C	60 – 100
after heating at 1430°C	100 – 150
Thermal conductivity , Kcal/h.m.°C at 400°C	0.61
600°C	0.63
800°C	0.64

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	41.8
Al ₂ O ₃	48.5
TiO ₂	1.9
Fe ₂ O ₃	1.6
CaO	5.0
Na ₂ O + K ₂ O + Li ₂ O	1.2

PACKING IN SACKS OF , Kg **30**

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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