



TECHNICAL DATA

FOR LIGHT WEIGHT CASTABLE



BRAND NAME :

NC12 - 14AN

RAW MATERIAL BASIS :

ANDALUSITE - CHAMOTTE

PHYSICAL PROPERTIES :

Maximum service temperature , °C	1400
Dry castable required , Kg/m ³	1440
Approximate amount of water required for pouring , Liter /30Kg	7.2 – 8.4
Bulk density , Kg/m ³ after drying at 110°C	1600
Cold crushing strength , Kg/cm ² after drying at 110°C	80 – 100
after heating at 1320°C	60 – 80
Permanent Linear Change , % after heating at 1320°C	-1.5 to 0.0
Grain size, mm	0 – 8

CHEMICAL ANALYSIS :

(Calcined basis)

SiO ₂	36.8
Al ₂ O ₃	50.0
TiO ₂	1.1
Fe ₂ O ₃	1.5
CaO	9.2
Na ₂ O + K ₂ O + Li ₂ O	1.4

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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