



TECHNICAL DATA

FOR DENSE CASTABLE



BRAND NAME :	NC31 - 15
RAW MATERIAL BASIS :	CHROMITE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	1550
Dry castable required , Kg/m ³	2900
Approximate amount of water required for pouring , Liter /30Kg	1.92 – 2.52
Bulk density , Kg/m ³ after drying at 110°C	3050
Cold crushing strength , Kg/cm ² after drying at 110°C	450 – 600
after heating at 1430°C	400 – 600
Permanent Linear Change , % after heating at 1430°C	-1.5 to 0.0
Grain size, mm	0 – 5

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	7.0
Al ₂ O ₃	30.0
TiO ₂	0.5
Fe ₂ O ₃	12.3
CaO	4.6
MgO	16.6
Cr ₂ O ₃	29.0

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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