



TECHNICAL DATA
FOR DENSE CASTABLE



BRAND NAME :	NC31 - 15/1
RAW MATERIAL BASIS :	CHROMITE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1425
Dry castable required , Kg/m ³	2800
Approximate amount of water required for pouring , Liter /30Kg	2.3 – 2.8
Bulk density , Kg/m ³ after drying at 110°C	2940
Cold crushing strength , Kg/cm ² after drying at 110°C	450 – 600
after heating at 1320°C	300 – 450
Permanent Linear Change , % after heating at 1320°C	-1.5 to +1.5
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :

(calcined basis)

SiO ₂	7.2
Al ₂ O ₃	26.5
Fe ₂ O ₃	12.4
CaO	9.5
MgO	16.2
Cr ₂ O ₃	28.2

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 .

ES0100F02

050699R3