



TECHNICAL DATA
FOR DENSE CASTABLE – ULCC



BRAND NAME : NC21 - 16ULV
TYPE OF PRODUCT : HIGH ALUMINA
PHYSICAL PROPERTIES :

Maximum service temperature , °C	1570
Dry castable required , Kg/m ³	2400
Approximate amount of water required for pouring , Liter /25Kg	1.45 – 1.65
Bulk density , Kg/m ³ after drying at 110°C	2450
Cold crushing strength , Kg/cm ² after drying at 110°C	200 – 300
after heating at 1430°C	900 – 1400

CHEMICAL ANALYSIS :
(calcined basis)

SiO ₂	37.4
Al ₂ O ₃	55.5
TiO ₂	2.7
Fe ₂ O ₃	2.0
CaO	1.4
Na ₂ O + K ₂ O + Li ₂ O	1.0

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 .

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