



TECHNICAL DATA  
FOR DENSE CASTABLE – ULCC  
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BRAND NAME :	<u>NC21 - 16ULV</u>
TYPE OF PRODUCT :	HIGH ALUMINA
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1570
Dry castable required , Kg/m <sup>3</sup>	2400
Approximate amount of water required for pouring , Liter /25Kg	1.45 – 1.65
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	2450
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	200 – 300
after heating at 1430°C	900 – 1400

CHEMICAL ANALYSIS :  
(calcined basis)

SiO <sub>2</sub>	37.4
Al <sub>2</sub> O <sub>3</sub>	55.5
TiO <sub>2</sub>	2.7
Fe <sub>2</sub> O <sub>3</sub>	2.0
CaO	1.4
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> 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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