



TECHNICAL DATA  
FOR DENSE CASTABLE – LCC  
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BRAND NAME :	<b>NC21 - 17EXLS</b>
TYPE OF PRODUCT :	<b>HIGH ALUMINA</b>
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1550
Dry castable required , Kg/m <sup>3</sup>	2950
Approximate amount of water required for pouring , Liter /30Kg	1.6 – 1.8
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	3000
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	400 – 600
after heating at 1430°C	1000 – 1400

CHEMICAL ANALYSIS :  
(calcined basis)

SiO <sub>2</sub>	4.0
Al <sub>2</sub> O <sub>3</sub>	90.5
TiO <sub>2</sub>	1.8
Fe <sub>2</sub> O <sub>3</sub>	1.4
CaO	1.7
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	0.6

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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