



TECHNICAL DATA  
FOR LIGHT WEIGHT CASTABLE  
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BRAND NAME :	<u>NC22 - 17</u>
TYPE OF PRODUCT :	HIGH ALUMINA
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1550
Dry castable required , Kg/m <sup>3</sup>	1650
Approximate amount of water required for pouring , Liter /30Kg	5.2 – 5.9
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	1780
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	80 – 150
after heating at 1430°C	70 – 140

CHEMICAL ANALYSIS :  
(calcined basis)

SiO <sub>2</sub>	25.8
Al <sub>2</sub> O <sub>3</sub>	64.0
TiO <sub>2</sub>	2.2
Fe <sub>2</sub> O <sub>3</sub>	1.8
CaO	5.1
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	1.1

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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