



TECHNICAL DATA  
FOR DENSE CASTABLE



\*\*\*\*\*

BRAND NAME :	<b>NC21 - 18M</b>
TYPE OF PRODUCT :	<b>HIGH ALUMINA</b>
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	<b>1800</b>
Dry castable required , Kg/m <sup>3</sup>	<b>2700</b>
Approximate amount of water required for pouring , Liter /30Kg	<b>2.7 – 3.0</b>
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	<b>2750</b>
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	<b>300 – 500</b>
after heating at 1600°C	<b>300 – 500</b>

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	<b>0.2</b>
Al <sub>2</sub> O <sub>3</sub>	<b>95.3</b>
TiO <sub>2</sub>	<b>0.1</b>
Fe <sub>2</sub> O <sub>3</sub>	<b>0.1</b>
CaO	<b>3.8</b>
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	<b>0.5</b>

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

200187R3