



TECHNICAL DATA

FOR LIGHT WEIGHT GUNNING MIX

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BRAND NAME :	NG22 - 16
TYPE OF PRODUCT :	HIGH ALUMINA
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1450
Dry gunning mix required , Kg/m <sup>3</sup>	1550
Approximate amount of water required for pouring , Liter /30Kg	4.5 – 5.4
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	1650
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	80 – 120
after heating at 1430°C	100 – 140
Thermal conductivity , Kcal/h.m.°C at 400°C	0.59
600°C	0.61
800°C	0.63

CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	38.3
Al <sub>2</sub> O <sub>3</sub>	51.0
TiO <sub>2</sub>	2.0
Fe <sub>2</sub> O <sub>3</sub>	1.6
CaO	5.6
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	1.5

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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