



## TECHNICAL DATA

### FOR LIGHT WEIGHT GUNNING MIX

\*\*\*\*\*



<b>BRAND NAME :</b>	<b>NG12 - 13</b>
<b>RAW MATERIAL BASIS :</b>	<b>CHAMOTTE</b>
<b>PHYSICAL PROPERTIES :</b>	
Maximum service temperature ,°C	1300
Dry gunning mix required , Kg/m <sup>3</sup>	1370
Approximate amount of water required for pouring , Liter /30Kg	7.6 – 9.5
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	1430
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	35 – 55
after heating at 1260°C	45 – 65
Permanent Linear Change , % after heating at 1260°C	-1.5 to 0.0
Grain size, mm	0 – 4
Thermal conductivity , Kcal/h.m.°C at 400°C	0.35
600°C	0.38
800°C	0.41

### CHEMICAL ANALYSIS :

(calcined basis)

SiO <sub>2</sub>	42.3
Al <sub>2</sub> O <sub>3</sub>	34.0
TiO <sub>2</sub>	2.0
Fe <sub>2</sub> O <sub>3</sub>	6.7
CaO	12.5
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	2.5

**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 .

ES0100F02

270399R3