



TECHNICAL DATA  
FOR DENSE GUNNING MIX  
\*\*\*\*\*



BRAND NAME :	<u>NG11 - 14</u>
RAW MATERIAL BASIS :	CHAMOTTE
PHYSICAL PROPERTIES :	
Maximum service temperature ,°C	1350
Dry gunning mix required , Kg/m <sup>3</sup>	1930
Approximate amount of water required for pouring , Liter /25Kg	2.7 – 3.2
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	2000
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	200 – 250
after heating at 1260°C	200 – 300
Permanent Linear Change , % after heating at 1260°C	-1.5 to +1.5
Grain size, mm	0 – 6

CHEMICAL ANALYSIS :  
(calcined basis)

SiO <sub>2</sub>	46.0
Al <sub>2</sub> O <sub>3</sub>	40.2
TiO <sub>2</sub>	4.0
Fe <sub>2</sub> O <sub>3</sub>	2.5
CaO	6.2
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	1.1

PACKING IN SACKS OF , Kg 25

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

130497R3