



TECHNICAL DATA  
FOR DENSE GUNNING MIX  
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BRAND NAME :	<u>NG41 - 5</u>
RAW MATERIAL BASIS :	QUARTZITE
PHYSICAL PROPERTIES :	
Maximum service temperature , °C	500
Dry gunning mix required , Kg/m <sup>3</sup>	2000
Approximate amount of water required for pouring , Liter /30Kg	4.6 – 5.3
Bulk density , Kg/m <sup>3</sup> after drying at 110°C	2100
Cold crushing strength , Kg/cm <sup>2</sup> after drying at 110°C	250 – 300
Grain Size , mm	0 – 3

CHEMICAL ANALYSIS :

(Calcined basis)

SiO <sub>2</sub>	66.1
Al <sub>2</sub> O <sub>3</sub>	11.3
TiO <sub>2</sub>	1.1
Fe <sub>2</sub> O <sub>3</sub>	5.0
CaO	15.5
Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O	1.0

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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(Preliminary Name: NE3 – 81)

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