



## Texan Minerals and Chemicals LLC

14090 Southwest Freeway, Suite 310, Sugar Land, TX 77478  
Phone: 713-294-4180 Email: Mani@TMCgreen.com



### India Best Waterjet Garnet 60 Mesh & Smaller Size SIEVED FROM 50-80 MESH Product specification

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained(%)	Cum.(%)
SiO <sub>2</sub>	36-37	0.250	+60	53.21	53.21
Al <sub>2</sub> O <sub>3</sub>	21-22	0.210	+70	26.61	79.82
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.180	+80	12.23	92.05
MgO	7.0-7.5	0.150	+100	3.67	95.72
CaO	1.0-1.2	0.120	+120	0.61	96.33
TiO <sub>2</sub>	0.52	<0.120	<+120	3.67	100
LOI	0.02				

Mineral Composition		Physical Analysis	
Mineral	% b.y Weight	Test	Result
Garnet	94-95	Specific Gravity	4.1
Ilmenite	3-3.5	Bulk Density	2.30 gm/cm <sup>3</sup>
Quartz	0.5-0.60	Hardness	8 Moh scale
Sillimanite	0.80-1.00	Conductivity	39 μ S/cm at 25.5 ° C
Others	0.50-0.63	Chloride	12-15 ppm

Standard Packing: 1,000 kgs (2,200 lbs.) or 2,000 kgs (4,400 lbs.) top and bottom spouted bulk bags with or without internal liner