



## **Texan Minerals and Chemicals LLC**

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### **India Best Waterjet Garnet 70 Mesh & Smaller Size SIEVED FROM FINE STREAM Product specification**

<b>Chemical Analysis</b>		<b>Sieve Analysis Report</b>			
Elements	%	MM	ASTM	Retained(%)	Cum.(%)
SiO <sub>2</sub>	36-37	0.210	+70	11.1	11.1
Al <sub>2</sub> O <sub>3</sub>	21-22	0.180	+80	23.3	34.4
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.150	+100	33.6	68.0
MgO	7.0-7.5	0.120	+120	27.1	95.1
CaO	1.0-1.2	0.105	+140	3.8	98.9
TiO <sub>2</sub>	0.52	PAN	PAN	1.1	100
LOI	0.02				

<b>Mineral Composition</b>		<b>Physical Analysis</b>	
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**