



## Texan Minerals and Chemicals LLC

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### India Best Garnet 50-120 Mesh (Fine Stream) Product specification

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained (%)	Cum. (%)
SiO <sub>2</sub>	36-37	0.600	+30	0.1-0.2	0.1-0.2
Al <sub>2</sub> O <sub>3</sub>	21-22	0.420	+40	0.9-1.8	1-2
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.300	+50	16-18	17-20
MgO	7.0-7.5	0.250	+60	17-18	34-38
CaO	1.0-1.2	0.210	+70	14-16	48-54
TiO <sub>2</sub>	0.52	0.180	+80	18-19	66-73
LOI	0.02	0.150	+100	14-16	80-89
		0.120	+120	7-9	87-99
		<0.120	<+120	4-5	93-100

Mineral Composition		Physical Analysis	
Mineral	% b.y Weight	Test	Result
Garnet	90-97	Specific Gravity	4.1
Ilmenite	4-8%	Bulk Density	2.30 gm/cm <sup>3</sup>
Quartz	0.01-0.20	Hardness	8 Moh scale
Sillimanite	0.10-2.50	Conductivity	60 μs/cm at 25.5 ° C
Others	0.20-0.30	Chloride	12-18 ppm

Standard Packing: 1,000 kgs (2,200 lbs.) or 2,000 kgs (4,400 lbs.) top and bottom spouted bulk bags with internal liner. Natural Minerals can vary from batch to batch.