



## Texan Minerals and Chemicals LLC

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

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained (%)	Cum. (%)
SiO <sub>2</sub>	36-37	0.420	+40	4.5	4.5
Al <sub>2</sub> O <sub>3</sub>	21-22	0.354	+45	12.02	16.52
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.300	+50	22.62	39.14
MgO	7.0-7.5	0.250	+60	28.95	68.09
CaO	1.0-1.2	0.210	+70	14.09	82.18
TiO <sub>2</sub>	0.52	0.180	+80	8.72	90.9
LOI	0.02	0.150	+100	5.38	96.28
		0.120	+120	3.27	99.55
		<0.120	<+120	0.45	100

Mineral Composition		Physical Analysis	
Mineral	% b.y Weight	Test	Result
Garnet	89.75	Specific Gravity	4.1
Ilmenite	9.75	Bulk Density	2.30 gm/cm <sup>3</sup>
Quartz	0.07	Hardness	8 Moh scale
Sillimanite	0.17	Conductivity	280 μs/cm at 25.5 °C
Others	0.26	Chloride	16 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.