



## Texan Minerals and Chemicals LLC

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### India Best Garnet 50-80 Mesh

#### Product specification

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained(%)	Cum.(%)
SiO <sub>2</sub>	36-37	0.600	+30	0.00	0.00
Al <sub>2</sub> O <sub>3</sub>	21-22	0.420	+40	0.00	0.00
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.354	+45	0.76	0.76
MgO	7.0-7.5	0.300	+50	44.74	45.51
CaO	2.0-3.0	0.250	+60	23.33	68.83
TiO <sub>2</sub>	0.52	0.210	+70	20.27	89.10
LOI	0.02	0.180	+80	7.46	96.56
		0.150	+100	3.25	99.81
		<0.120	<+120	0.19	100.00

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 internal liner