



# Texan Stone LLC



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## India Best Garnet 65-120 Finest Mesh Product specification

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained (%)	Cum. (%)
SiO <sub>2</sub>	36-37	0.354	+45	0.88	0.88
Al <sub>2</sub> O <sub>3</sub>	21-22	0.300	+50	7.89	8.77
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.250	+60	17.54	26.32
MgO	7.0-7.5	0.210	+70	17.54	43.86
CaO	1.0-1.2	0.177	+80	17.54	61.40
TiO <sub>2</sub>	0.52	0.150	+100	18.42	79.82
LOI	0.02	0.125	+120	11.40	91.23
		0.105	+140	7.02	97.37
			Pan	1.75	100

Mineral Composition		Physical Analysis	
Mineral	% b.y Weight	Test	Result
Garnet	95.37	Specific Gravity	4.1
Ilmenite	3.80	Bulk Density	2.30 gm/cm <sup>3</sup>
Quartz	0.07	Hardness	8 Moh scale
Sillimanite	0.50	Conductivity	250 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 or 50 lbs kraft bag. Natural Minerals can vary from batch to batch. COMPARABLE TO TRANSWORLD/VV/BARTON 85 MESH.