



**Texan Stone LLC**  
**DBA Texan Minerals and Chemicals**

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**India Best Garnet 30-60 Mesh**  
**Product specification**

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained (%)	Cum. (%)
SiO <sub>2</sub>	36-37	0.600	+30	1-2	1-2
Al <sub>2</sub> O <sub>3</sub>	21-22	0.420	+40	15-16	16-18
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.300	+50	55-57	71-75
MgO	7.0-7.5	0.250	+60	17-20	88-95
CaO	2.0-3.0	0.210	+70	4-4.5	92-99.5
TiO <sub>2</sub>	0.52	0.180	+80	2-2.5	94-100
LOI	0.02	-	PAN	0.1-1	100

Mineral Composition		Physical Analysis	
Mineral	% by Weight	Test	Result
Garnet	97-98	Specific Gravity	4.1
Ilmenite	1.3-1.7	Bulk Density	2.3 gm/cm <sup>3</sup>
Quartz	0.10-0.20	Hardness	8 Moh scale
Sillimanite	0.72-0.80	Conductivity	36 μ S/cm at 25.5 ° C
Others	0.25-0.36	Chloride	12-15 ppm

**Radiation: Less Than 10 Micro Roentgen per hour**

**Standard Packing: 1,000 kgs (2,200 lbs.) or 2,000 kgs (4,400 lbs.) top and bottom spouted bulk bags with internal liner**