



# Texan Stone LLC

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## India Best River Garnet 20-40 Mesh Product Specification

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained(%)	Cum.(%)
SiO <sub>2</sub>	42-43	0.119	+16	0-1	0-1
Al <sub>2</sub> O <sub>3</sub>	15-16	0.850	+20	8-10	9-11
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.710	+25	20-22	29-33
MgO	2-2.5	0.600	+30	20-24	49-55
CaO	2-3	0.500	+35	22-24	72-78
CaCO <sub>3</sub>	Absent	0.425	+40	12-14	88-90
TiO <sub>2</sub>	Absent	0.297	+45	10-12	90-100
LOI	0.32		Total	100	100

Mineral Composition		Physical Analysis	
Mineral	% by Weight	Test	Result
Garnet	98-99	Specific Gravity	4.2
Ilmenite	0.5-0.7	Bulk Density	2.3 gm/cm <sup>3</sup>
Quartz	0.5-0.7	Hardness	8.3 Moh scale
Chemical Analysis			
Carbonates	Nil	Chloride	6-7 ppm
Nitrate	Nil	Sulphate	4 PPM
Conductivity	70 μ S/cm at 25.5 °C		

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