



# Texan Stone LLC



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## India Best 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	0
Al <sub>2</sub> O <sub>3</sub>	15-16	0.850	+20	0	0
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.710	+25	9-10	9-10
MgO	2-2.5	0.600	+30	42-43	51-53
CaO	4-5	0.500	+35	20-21	71-74
TiO <sub>2</sub>	Absent	0.425	+40	19-20	92-94
LOI	0.32	0.297	+50	8-10	100
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
		Conductivity	-
		Chloride	20 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