



# Texan Stone LLC



11806 Wilcrest Drive, Suite 202, Houston, TX 77031

Phone: 281-741-0226

## Indian Garnet 50-80 Mesh Product specification

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained(%)	Cum.(%)
SiO <sub>2</sub>	36-37	0.420	+30	0	0
Al <sub>2</sub> O <sub>3</sub>	21-22	0.300	40	1.4	1.4
Fe <sub>2</sub> O <sub>3</sub>	32-33	0.250	+45	5.41	6.81
MgO	7.0-7.5	0.210	+50	22.86	29.67
CaO	1.0-1.2	0.180	+60	35.25	64.92
TiO <sub>2</sub>	0.52	0.150	+70	19.37	84.29
LOI	0.02	Pan	+80	9.60	93.89
			100	4.54	98.43
			120	1.22	99.65
			PAN	0.35	100

Mineral Composition		Physical Analysis	
Mineral	% b.y Weight	Test	Result
Garnet	94-95	Specific Gravity	4.11
Ilmenite	0.4-0.6	Bulk Density	2.32-2.4 gm/cm <sup>3</sup>
Quartz	0.5-0.60	Hardness	7.5-8 Moh scale
Sillimanite	0.80-1.00	Conductivity	120 μ S/cm at 25.5 ° C
Others	0.50-0.63	Chloride	18 ppm

Standard Packing: 1,000 kgs (2,200 lbs.) or 2,000 kgs (4,400 lbs.) top and bottom spouted bulk bags with or without internal liner