



Texan Stone LLC



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India Best Garnet 50-80 Mesh Product specification

Chemical Analysis		Sieve Analysis Report			
Elements	%	MM	ASTM	Retained(%)	Cum.(%)
SiO ₂	36-37	0.600	+30	0.00	0.00
Al ₂ O ₃	21-22	0.500	+35	0.00	0.00
Fe ₂ O ₃	32-33	0.420	+40	0.04	0.04
MgO	7.0-7.5	0.300	+50	6-12	6-12
CaO	1.0-1.2	0.250	+60	36-37	42-48
TiO ₂	0.52	0.210	+70	29-30	71-78
LOI	0.02	0.180	+80	21-22	92-99
		0.150	+100	4-5	98-99
		0.120	+120	1-2	99-100
		<0.120	<+120	0-1	100.00

Mineral Composition		Physical Analysis	
Mineral	% b.y Weight	Test	Result
Garnet	94-95	Specific Gravity	4.1
Ilmenite	3-3.5	Bulk Density	2.30 gm/cm ³
Quartz	0.5-0.60	Hardness	8 Moh scale
Sillimanite	0.80-1.00	Conductivity	39 μ S/cm at 25.5 ° C
Others	0.50-0.63	Chloride	12-15 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