



Texan Minerals and Chemicals LLC

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Indian Garnet 30-60 Mesh Product Specification

Texan Indian Garnet 30-60 Mesh			
Sieve Size	Cumulative Weight of Sand (g)	Weight of Sand in Sieve (g)	% Weight
30	3.42	3.42	2.72
40	51.26	47.84	38.06
45	86.84	35.58	28.31
50	110.64	23.80	18.94
60	122.48	11.84	9.42
70	125.18	2.70	2.15
PAN	125.68	0.50	0.40
Starting Total weight (g)	125.79		

Chemical Analysis	
Elements	%
SiO ₂	36-37
Al ₂ O ₃	21-22
Fe ₂ O ₃	32-33
MgO	7.0-7.5
CaO	1.0-1.2
TiO ₂	0.52
LOI	0.02

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 ³
Quartz	0.10-0.20	Hardness	7.5-8 Moh scale
Sillimanite	0.72-0.80	Conductivity	120 μ S/cm at 25.5 ° C
Others	0.25-0.36	Chloride	15-18 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