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TECHNICAL DATA ANALYSIS LM GAR+ ROCK GARNET 30/60 MESH

Average Chemical Composition (Typical-wt%) Mineral Composition (Typical)

SiO ₂	36.88%	Almandine Garnet	>95%
Al ₂ O ₃	18.64%	Ilmenite	<1.0%
FeO	1.50%	Quartz	<1%
Fe ₂ O ₃	26.46%	Hornblende	<0.2%
TiO ₂	0.70%	Others	<4%
MnO	0.34%		
CaO	9.35%		
MgO	5.73%		

Product Range (Size Distribution, Typical)

<u>Physical Characteristics (Typical)</u>		<u>Mesh</u>	<u>Microns</u>	<u>30/60#</u>
Bulk Density	1.9	18	1000	9
Specific Gravity	3.92	20	850	13
Hardness (moh)	7.7	30	600	38
Melting Point	1300 C	40	425	38
Shape Of Natural Grains	Sharp Angular	50	300	2
		PAN		100

Other Characteristics (Typical)

Conductivity	<250us/cm
Total Chlorides	<20ppm
Radioactivity	Not detectable
Moisture Absorption	Non-hydroscopic inert
Ferrite (free iron)	< 0.01 %
Lead	< 0.002 %
Copper	< 0.01 %
Other Heavy Metals	< 0.01 %
Sulphur	< 0.01 %

Packaging

1 ton jumbo bag & 25KG P/P bags into 1T jumbo bag



The garnet is in accordance with ISO 11126-10 and was tested in accordance with ISO 11127 Part 1 to Part 7.