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TECHNICAL DATA ANALYSIS LM GAF ROCK GARNET 30/60 MESH

Average Chemical Composition (Typical-wt%)

SiO ₂	36.88%
Al ₂ O ₃	21.00%
FeO	1.50%
Fe ₂ O ₃	30.00%
TiO ₂	0.70%
MnO	0.34%
CaO	1.20%
MgO	5.73%

Mineral Composition (Typical)

Almandine Garnet	>97%
Quartz	<0.1%
Hornblende	<0.2%
Others	<1.0%

Physical Characteristics (Typical)

Bulk Density	1.9
Specific Gravity	3.96
Hardness (moh)	7.6
Melting Point	1260 C

Product Range (Size Distribution, Typical)

Mesh	Microns	Retained %
20	850	15.5
30	600	65.0
40	425	18.2
50	300	0.8
pan		0.5
TOTAL		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

25kg PP bags into 1 ton jumbo bag



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

Authorized Signature