



JIANGSU LM MINING CO., LTD

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TECHNICAL DATE SHEET PINK RIVER GARNET 80 MESH

We hereby certify the pink river agrnet is having the following results of our analysis:

Average Chemical Composition (Typical-wt%)

SiO ₂	37.88%
Al ₂ O ₃	21.28%
FeO	26.76%
Fe ₂ O ₃	1.12%
TiO ₂	1.87%
MnO	0.33%
CaO	1.35%
MgO	9.01%

Mineral Composition (Typical)

Almandine Garnet	>97%
Quartz	<0.5%
Hornblende	<0.2%
Others	<1.0%

Product Range (Size Distrubution,Typic:

Mesh	Microns Retained %	
30	600	0
40	425	0
50	300	15
60	250	35
80	180	43
100	150	6
120	125	1
pan		0

Physical Characteristics (Typical)

Bulk Density	1.96
Specific Gravity	3.96
Hardness (moh)	7.6
Melting Point	1260 C

Other Characteristics (Typical)

Conductivity	<150us/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

As your request

For and on behalf of
江苏隆迈矿业有限公司
JIANGSU LM MINING CO.,LTD.

Camilla Zhang
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Authorized Signature(s)

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