

SGA 80 Mesh Waterjet Garnet

For Waterjet Cutting

TYPICAL PRODUCT DATA

Average Chemical Composition (Typical)

SiO ₂	35.64%
Al ₂ O ₃	22.62%
MgO	5.83%
Fe ₂ O ₃	2.12%
FeO	29.11%
CaO	1.39%
MnO	0.42%
TiO ₂	1.13%
Cl	0.001%

Mineral Composition (Typical)

Garnet	98%
Other Minerals	Quartz, Spinel, Feldspar, and others

Physical Characteristics (Typical)

Hardness (Mohs)	7.5-8.0
Bulk Density	2.3-2.4 g/cm ³
Specific Gravity	4.0-4.2
Moisture	<0.1%
Grain Shape	Sub-angular
Color	Pink-red

Other Characteristics (Typical)

Conductivity	100-150 μS/cm (10-15 mS/m)
Water-soluble chloride	10-20 ppm (max 25 ppm)
Sulphur	<0.01%

Product Range • SGA 80 Mesh (Typical Weight % Retained)

MESH	MICRONS	DISCRETE %	CUMULATIVE %
40	425	0	0
45	355	0	0
50	300	10	10
60	250	30	40
70	212	28	68
90	170	26	94
100	150	4	98
PAN	PAN	2	100

PACKAGING & DELIVERY

For SGA 80 mesh alluvial pink garnet

- 25 kg PP woven bags x 40 packed in one 1,000 kg jumbo bag
- 1,000 kg jumbo bag with an inner plastic liner
- 25-27 metric tons loaded in a 20 ft container
- Customized pallets and container-loading solutions

For more information:

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