

SGA 20/40 Blasting Garnet

For Sandblasting

TYPICAL PRODUCT DATA

Average Chemical Composition (Typical)

SiO ₂	35.90%
Al ₂ O ₃	23.10%
MgO	6.10%
Fe ₂ O ₃	2.10%
FeO	28.80%
CaO	1.45%
MnO	0.40%
TiO ₂	1.10%
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	2.2-2.4 g/cm ³
Specific Gravity	4.0-4.2
Moisture	0.1%
Grain Shape	Block, sub-angular
Color	Pink-red

Other Characteristics (Typical)

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

Sieve Analysis • SGA 20/40 (Typical)

M.M	ASTM	STANDARD %	RETAINED %	CUM. %
0.850	20	0-10	4.70	4.70
0.710	25	>85	20.30	25.00
0.600	30		33.80	58.80
0.500	35		24.00	82.80
0.425	40		15.30	98.10
<0.425	40-	0-5	1.90	100.00

PACKAGING & DELIVERY

For SGA 20/40 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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