Product Data Sheet

GMA PrecisionBlast™

Average Chemical Composition (Typical)	
SiO_2*	33%
Al_2O_3	17%
FeO	NA
Fe_2O_3	36%
MgO	7%
CaO	5%
TiO_2	2%
MnO	1%

**Refers to SiO_2 bound within the lattice of the homogeneous garnet crystal (not free silica)*

Mineral Composition (Typical)	
Garnet (predominately Almandine)	89%
Pyroxene	3%
Ilmenite	1%
Quartz (free silica)	<0.1%
Hornblende	6%
Rutile	<1%
Others	<1%

Physical Characteristics (Typical)	
Bulk Density	143.58 lbs/ft^3 (2.3 t/m^3)
Specific Gravity	4.1
Hardness (moh)	7.5 – 8.0
Melting Point	2282°F (1250°C)
Shape of Natural Grains	Sub-angular

Other Characteristics (Typical)	
Radioactivity	Non-detectable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	1 – 2 ppm
Conductivity	46 µS/cm (4.6 mS/m)

**Tested in accordance to ISO and ASTM standards.*

Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
60	250	0	0
70	212	10	10
80	180	45	35
100	150	75	39
120	125	97	13
140	106	100	3
PAN	PAN	100	1

Packaging

- 55 lb. (25 kg) paper bags on 1 metric ton or 2 metric ton pallet
- 1 metric ton or 2 metric ton bulk bags with bottom spout and an inner plastic liner
- Loose bulk delivered by pneumatic truck.

Source

- Made in USA
- Product code: GMX-USA-120
- Product specification: 120 Mesh Garnet.