Product Data Sheet

GMA SpeedBlast™

Average Chemical Composition (Typical)

SiO_2*	35%
Al_2O_3	18%
FeO	15%
Fe_2O_3	19%
MgO	7%
CaO	3%
TiO_2	1%
MnO	1%

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

Mineral Composition (Typical)

Garnet (predominately Almandine)	93%
Pyroxene	3%
Ilmenite	<0.8%
Quartz (free silica)	<0.1%
Hornblende	2%
Others	2%

Other Characteristics (Typical)

Radioactivity	Non-detectable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	1 – 3 ppm
Conductivity	100 µS/cm (10 mS/m)

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

Physical Characteristics (Typical)

Bulk Density	149.82 lbs/ft^3 (2.4 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 to Angular

Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
30	600	1	1
35	500	4	3
40	425	15	11
45	355	30	15
50	300	46	16
60	250	68	22
70	212	90	22
80	180	99	9
100	150	100	1
PAN	PAN	100	0

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 from imported raw materials
- Product code: GMAX-USA-GX1
- Product specification: GX1 Garnet.

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