

Product Data Sheet

GMA ExtremeBlast™



Average Chemical Composition (Typical)

SiO ₂ *	34%
Al ₂ O ₃	17%
FeO	NA
Fe ₂ O ₃	34%
MgO	8%
CaO	5%
TiO ₂	1%
MnO	1%

*Refers to SiO₂ bound within the lattice of the homogeneous garnet crystal (not free silica)

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	Angular

Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
16	1190	5	5
18	1000	8	3
20	850	13	5
25	710	22	9
30	600	40	18
35	500	60	20
40	425	85	25
45	355	96	11
PAN	PAN	100	4

Mineral Composition (Typical)

Garnet (predominately Almandine)	91%
Pyroxene	<4%
Ilmenite	<1%
Quartz (free silica)	<0.5%
Hornblende	5%
Rutile	<1%

Other Characteristics (Typical)

Radioactivity	Non-detectable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	1 – 2 ppm
Conductivity	35 μS/cm (3.5 mS/m)

*Tested in accordance to ISO and ASTM standards.

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-36
- Product specification: 36 Mesh Garnet.

PDS Code: GMX-USA-36 PDS-V1-2018-08