

# Product Data Sheet

GMA ExtremeBlast™



## Average Chemical Composition (Typical)

SiO <sub>2</sub> *	35%
Al <sub>2</sub> O <sub>3</sub>	19%
FeO	15%
Fe <sub>2</sub> O <sub>3</sub>	19%
MgO	7%
CaO	3%
TiO <sub>2</sub>	1%
MnO	1%

\*Refers to SiO<sub>2</sub> bound within the lattice of the homogeneous garnet crystal (not free silica).

## Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
18	1000	3	3
20	850	7	4
25	710	18	11
30	600	30	12
35	500	39	9
40	425	47	8
45	355	49	2
50	300	53	4
60	250	67	14
70	212	89	22
80	180	99	10
100	150	100	1
PAN	PAN	100	0

PDS Code: GMAX-USA-GX3 PDS-V1-2018-08

## Other Characteristics (Typical)

Radioactivity	Non-detectable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	1 – 3 ppm
Conductivity	90 μS/cm (9 mS/m)

\*Tested in accordance to ISO and ASTM standards.

## Mineral Composition (Typical)

Garnet (predominately Almandine)	>92%
Pyroxene	3%
Ilmenite	<1%
Quartz (free silica)	<0.3%
Hornblende	<3.5%
Other	0.3%

## Physical Characteristics (Typical)

Bulk Density	149.82 lbs/ft <sup>3</sup> (2.4 t/m <sup>3</sup> )
Specific Gravity	4.1
Hardness (moh)	7.5 – 8.0
Melting Point	2282°F (1250°C)
Shape of Natural Grains	Sub-angular to Angular

## 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-GX3
- Product specification: GX3 Garnet.