Product Data Sheet

GMA EcoGarnet 90

Average Chemical Composition (Typical)

SiO_2*	37%
Al_2O_3	21%
FeO	NA
Fe_2O_3	34%
MgO	7%
CaO	2%
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)	97%
Pyroxene	1%
Ilmenite	<1%
Quartz (free silica)	<0.1%
Hornblende	<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	3 ppm
Conductivity	98 µS/cm (9.8 mS/m)

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

Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
40	425	0	0.1
45	355	4	3.6
50	300	14	10.5
60	250	40	26.2
70	212	66	25.7
80	180	85.7	19.6
100	150	96.9	11.2
125	125	100	3.1
PAN	PAN	100	100

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: GMA-USA-FH-90
- Production specification: 90 Mesh Garnet

PDS Code: GMA-USA-90 PDS-V1-2018-08