

Product Data Sheet

GMA PrecisionBlast™



Average Chemical Composition (Typical)

SiO ₂ *	35%
Al ₂ O ₃	20%
FeO	29%
Fe ₂ O ₃	3%
MgO	5%
CaO	2%
TiO ₂	4%
MnO	1%

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

Mineral Composition (Typical)

Garnet (predominately Almandine)	97-98%
Ilmenite	2%
Zircon	0.05%
Quartz (free silica)	< 0.1%

Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
60	250	0	0
70	212	21	21
80	180	74	53
100	150	95	21
120	125	98	3
140	106	100	2
PAN	PAN	100	0

Physical Characteristics (Typical)

Bulk Density	2.3 T/m ³
Specific Gravity	4.1
Hardness (Mohs)	7.5-8
Melting Point	1250°C
Shape of Natural Grains	Sub-Angular

Other Characteristics (Typical)

Radioactivity	Non-detectable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	14-18 ppm
Conductivity	100-150 µS/cm (10-15 mS/m)

Packaging

- 25kg bags shrink wrapped onto a 1 metric ton or 2 metric ton pallet
- Loose bulk form in 1 metric ton or 2 metric ton bulk bag with an inner plastic liner on a pallet.

Source

- Product of Australia
- Product Code: GMA-AUS 120