

# Product Data Sheet

## GMA SpeedBlast™



### Average Chemical Composition (Typical)

SiO <sub>2</sub> *	37%
Al <sub>2</sub> O <sub>3</sub>	21%
FeO	30%
Fe <sub>2</sub> O <sub>3</sub>	2%
MgO	6%
CaO	2%
TiO <sub>2</sub>	2%
MnO	1%

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

### Mineral Composition (Typical)

Garnet (predominately Almandine)	> 97%
Ilmenite	< 1.5%
Zircon	< 0.1%
Quartz (free silica)	< 0.1%

### Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
35	500	2	2
40	425	6.5	4.5
45	355	21	14.5
50	300	39	18
60	250	61	22
70	212	81	20
80	180	93	12
100	150	98	5
PAN	PAN	100	2

PDS Code: GMA-AUS SPB V1-2020

### Physical Characteristics (Typical)

Bulk Density	2.3 T/m <sup>3</sup>
Specific Gravity	4.1
Hardness (Mohs)	7.0 - 8.0
Melting Point	1250°C / 2250°F
Shape of Natural Grains	Sub-Angular

### Other Characteristics (Typical)

Radioactivity	Non-detectable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	10-15 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 SPB