

# Product Data Sheet

## GMA PremiumBlast™



Average Chemical Composition (Typical)		
SiO <sub>2</sub> *	.....	37%
Al <sub>2</sub> O <sub>3</sub>	.....	21%
Fe <sub>2</sub> O <sub>3</sub>	.....	35%
MgO	.....	6%
CaO	.....	2%
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)

Mineral Composition (Typical)		
Garnet (predominately Almandine)	.....	> 97%
Ilmenite	.....	< 2%
Quartz (free silica)	.....	< 0.1%
Other	.....	< 1%

Product Range (typical weight % retained)			
Mesh	Microns	Cumulative	Discrete
30	600	1	1
35	500	4	3
40	425	15	11
45	355	37	22
50	300	59	22
60	250	80	21
70	212	93.5	14
80	180	98	5
100	150	99	2
PAN	PAN	100	1

Physical Characteristics (Typical)	
Bulk Density	2.3 t/m <sup>3</sup>
Specific Gravity	4.1
Hardness (Mohs)	7.5 - 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 - 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 PB