

Product Data Sheet

GMA ToughBlast™



Average Chemical Composition (Typical)

SiO ₂ *	37%
Al ₂ O ₃	21%
Fe ₂ O ₃	33%
MgO	7%
CaO	2%
TiO ₂	2%
MnO	1%

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

Mineral Composition (Typical)

Garnet (predominately Almandine)	> 98%
Quartz (free silica)	< 0.1%
Other	< 2%

Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
18	1000	1	1
20	850	4	4
25	710	6	2
30	600	10	4
35	500	15	5
40	425	24	9
45	355	28	4
50	300	32	4
60	250	40	8
70	212	55	15
80	180	75	20
100	150	90	15
PAN	PAN	100	10

Physical Characteristics (Typical)

Bulk Density	2.3 t/m ³
Specific Gravity	4.0
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 - 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.

Source

- Made from Australian and US raw materials
- Product Code: GMA-AUS TB