

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	3
25	710	6	3
30	600	10	3
35	500	15	6
40	425	24	8
45	355	37	13
50	300	48	11
60	250	63	15
70	212	80	17
80	180	91	12
100	150	95	4
PAN	PAN	100	5

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 on a pallet.

Source

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



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