

Product Data Sheet

GMA ToughBlast™

REXPO
CUTTING & BLASTING SOLUTIONS



Average Chemical Composition (Typical)

SiO ₂ *	37%
Al ₂ O ₃	21%
FeO	30%
Fe ₂ O ₃	1%
MgO	6%
CaO	2%
TiO ₂	1%
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	1%
Zircon	<0.02%
Quartz (free silica)	< 0.1%

Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
30	600	1	1
35	500	4	3
40	425	14	10
45	355	42	28
50	300	77	35
60	250	92	15
70	212	97	5
80	180	100	3
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	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 600/250

PDS Code: GMA-AUS-600/250 V1-2019