

Product Data Sheet

GMA Garnet (30/60#)



Average Chemical Composition (Typical)

SiO ₂ *	37%
Al ₂ O ₃	21%
Fe ₂ O ₃	35%
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%
Ilmenite	< 2%
Quartz (free silica)	< 0.1%
Other	< 1%

Product Performance (Typical)

Typical Results	NewSteel™	SpeedBlast™	PremiumBlast™
Profile (microns)	40-65	50-75	60-85
Consumption (kg/m ²)	7-10	10-12	20-25
Cleaning Rate (m ² /hr)	Up to 35	Up to 25	Up to 18

Physical Characteristics (Typical)

Bulk Density	2.3 T/m ³
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-30/60