



GARNET ARABIA COMPANY

Product Data Sheet

GMA Garnet™ 25/40 Mesh

for Blast Cleaning

Average Chemical Composition (Typical)

SiO ₂ *	36%
Al ₂ O ₃	20%
FeO	30%
Fe ₂ O ₃	2%
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 Range

	25/40 Mesh
Profile (microns)	75-125
Consumption (kg/m ²)	12-16
Cleaning Rate (m ² /hr)	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	10-15 mS/m (max 25ms/m)

Packaging

- 25kg (55lb) paper bags shrink wrapped onto a 1000kg (2200lb) or 2000kg (4400lb) pallet.
- Loose bulk form in 1000kg (2200lb) or 2000kg (4400lbs) bulk bag with an inner plastic liner on a pallet.

For more information, write to: info.sa@gmagarnet.com or visit www.gmagarnet.com