

GMA Garnet 80 Mesh

Your Abrasive for New Build Jobs



Description	Industry Applications
Unrivalled Speed in removing mill scale, and light rust for new construction projects.	New Builds/New Construction - Oil & Gas, Refineries, Pipelines, Structural Steel

Product Performance (Typical)	
Profile	40 - 55 μm
Blasting Rate	Up to 35 m^2/hr
Consumption Rate	As low as 8 - 12 kg/m^2

Average Chemical Composition (Typical)	
SiO_2	37%
Al_2O_3	21%
Fe_2O_3	35%
MgO	6%
CaO	2%
TiO_2	1%
MnO	1%

Mineral Composition (Typical)	
Garnet (predominately Almandine)	>97%
Ilmenite	<2%
Quartz (free silica)	<0.1%
Other	<1%

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-detactable above background
Moisture Absorption	Non-hygroscopic, Inert
Total Chlorides	10 - 25 ppm
Conductivity	100 - 150 $\mu\text{S}/\text{cm}$ (10 - 15 mS/m)

Packaging

- 25 kg bags shrink wrapped onto a 1 metric ton or 2 metric ton pallet
- Loose bulk form in 2 metric ton bulk bag with an inner plastic liner on a pallet

Source

- Product of Australia
- Product Code: GMA-AUS-80

Saudi Aramco SAMS Number

- 1001166557