

# GMA Garnet 30/60

Your Fast Cleaning General Purpose Abrasive



Description	Industry Applications
Efficient general industrial maintenance/light coatings and new construction abrasive	Refinery, Water Storage, Tank Farms, Energy Generation, Pipelines

Product Performance (Typical)	
Profile	50 - 75 $\mu\text{m}$
Blasting Rate	Up to 25 $\text{m}^2/\text{hr}$
Consumption Rate	As low as 10 - 15 $\text{kg}/\text{m}^2$

Average Chemical Composition (Typical)	
$\text{SiO}_2$	37%
$\text{Al}_2\text{O}_3$	21%
$\text{Fe}_2\text{O}_3$	35%
$\text{MgO}$	6%
$\text{CaO}$	2%
$\text{TiO}_2$	1%
$\text{MnO}$	1%

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

Physical Characteristics (Typical)	
Bulk Density	2.3 $\text{t}/\text{m}^3$
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 - 18 ppm
Conductivity	100 - 150 $\mu\text{S}/\text{cm}$ (10 - 15 $\text{mS}/\text{m}$ )

### 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-30/60

### Saudi Aramco SAMS Number

- 1000160381 (in 2000 Kg Pkg)
- 1000160374 (in 25 Kg Pkg)