PARMADAR

BLAST CLEANING ABRASIVE

GMA SpeedBlast™

Exceptionally fast blasting performance for removal of light to medium coatings and rust, with low consumption and exceptional surface quality.

Your "Go-to" Abrasive for Standard, Everyday Jobs

GMA SpeedBlast™ is GMA's fast cleaning, general purpose abrasive for a wide variety of less challenging industrial blasting requirements. It offers exceptionally fast blasting performance for removal of light to medium coatings and/or rust. It outperforms other abrasives due to its hardness, low consumption rates and durability that improves productivity and ensures a superior surface finish.

Performance

Fast removal of medium coatings and/or medium rust.

- **Uniform surface profile:** 50 - 65 µm
- **Blasting rates:** Up to 25 m^2/hr
- **Consumption rate:** As low as 10 kg/m^2

Features

- **High productivity:** Cut blasting hours by 30-50%* compared to steel grit and slag abrasives. GMA SpeedBlast™ performance has been demonstrated through rigorous product testing and a track record of success in applications worldwide.
- **Cost-effective blasting:** Deliver fast results at the lowest cost. GMA Garnet™ can provide significant savings in abrasive consumption, blasting hours, and disposal costs for your project. Overall, garnet sandblasting generally requires 30–50% less product than other abrasives.
- **Ideal surface finish:** GMA SpeedBlast™ achieves an exceptionally clean surface and high peak density. Our uniquely hard and tough garnet blend cuts through resilient coatings, allowing operators to prepare surfaces quickly for inspection and recoating.
- **Safe and compliant:** Have complete peace of mind knowing GMA Garnet™ meets all industry, government safety, and environmental standards. Blasting the purest, cleanest garnet means less dust, leading to better operator visibility and less worker risk.

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Major Industries & Applications

- Oil & Gas (Onshore and Offshore)
- Tank exteriors and liners
- Water and wastewater treatment
- Energy generation
- Shipyard maintenance and repair
- Pipelines

Average Chemical Composition (Typical)

SiO_2 *	37%
Al_2O_3	21%
FeO	30%
Fe_2O_3	2%
MgO	6%
CaO	2%
TiO_2	2%
MnO	1%

**Refers to SiO_2 bound within the lattice of the homogeneous garnet crystal (not free silica)*

Physical Characteristics (Typical)

Bulk Density	2.3 T/m^3
Specific Gravity	4.1
Hardness (Mohs)	7.5 – 8.0
Melting Point	1250°C
Shape of Natural Grains	Sub-Angular

Mineral Composition (Typical)

Garnet (predominately Almandine)	97-98%
Ilmenite	1%
Ziron	0.07%
Quartz (free silica)	< 0.1%

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)

Product Range (typical weight % retained)

Mesh	Microns	Cumulative	Discrete
35	500	2	2
40	425	7	5
45	355	21	13
50	300	40	20
60	250	65	25
70	212	83	18
80	180	94	11
100	150	99	5
PAN	PAN	100	1

Packing

We offer various packing options:

- 25 kg bags packed in 1 MT bulk bag
- 1 MT bulk bag (loose)
- 25 kg bags packed in 2 MT bulk bag
- 2 MT bulk bag (loose)