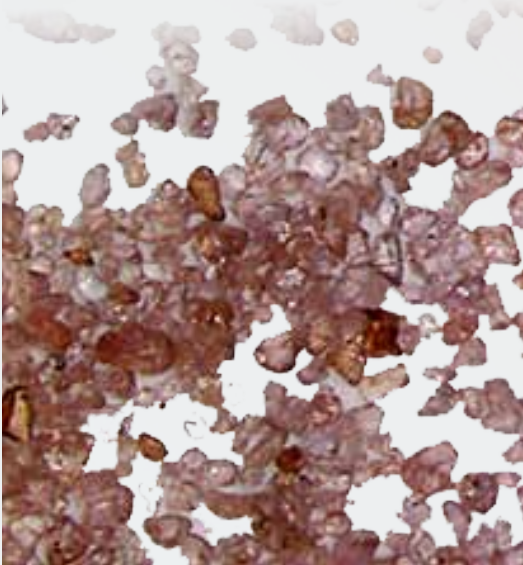


BLAST CLEANING ABRASIVE BY GMA GARNET™

It is free of metallic iron, making it suitable for all areas of surface preparation including stainless steel, anti-magnetic steel and all special alloys.



GMA Garnet™ consists of totally natural almandine garnet known for its natural hardness, durability and abrasive characteristics. It is free of any heavy metals or toxic components and meets all Occupational Health & Safety requirements.

GMA Garnet™ provides a perfect symbiosis of grain size, density and hardness/durability. This ensures optimum abrasive efficiency in terms of lowest abrasive consumption and highest production rates at safe environmental and health conditions.

It is a cost effective alternative to silica sand, mineral slags and steel grits and shot because of its **low consumption (kg/m²) and high productivity (m²/hr) and can be recycled 5 - 10 times** depending on the application due to its superior toughness and low friability.

GMA Garnet™ is mined and processed by the world's largest producer of industrial garnet situated in Western Australia. It is processed to the highest standard of quality in respect of mineral purity and meets the stringent requirements of ISO 11126-10:2000 for chloride and free silica content.

Special fine grades are also available for aluminium, turbine blades, fibreglass and other specialist surface preparation applications.

GMA Garnet™ is certified with ISO 9001:2000 Quality Management System, demonstrating our commitment to quality and customer satisfaction, as well as continual improvement of our quality systems. Furthermore, GMA Garnet™ is certified with ISO14001 for Environment Management Systems, demonstrating our commitment to producing an environmentally-friendly garnet abrasive delivered in a socially responsible manner.

ADVANTAGES :

- **Cost-effective Blast Cleaning**

You can quickly calculate the cost benefits of GMA Garnet™ over other abrasives by using our Abrasive Blasting Calculator. Visit : www.garnetsales.com/gmacalc

- **Low Dusting**

Blast cleaning with GMA Garnet™ means significantly lower dust emissions because of the inherent toughness of the material and rapid settling due to its high specific gravity. This ensures minimum disruption and danger to adjoining operations and improved operator visibility and safety.



ADVANTAGES (CONT'D) :

- **High Productivity**

GMA Garnet™ is very fast cutting due to the large number, speed and shape of grains impacting on the surface. The acceleration and speed of a grain in an air stream is a function of the inertia and hence the size of the grain. Smaller grains accelerate much more readily, thus imparting higher impact energy to the surfaces resulting in a superior cleaning rate - usually twice the ft²/min of conventional abrasives.

- **Low Consumption**

Its unique grain size ensures that there are many more active grains impacting on the surface resulting in greatly reduced abrasive consumption.

- **Superior Surface Quality**

GMA Garnet™ grains clean deep into the cavities and pitted areas down to the bare metal, thoroughly removing all rust, soluble salts and other contaminations. The blasted surface is free of embedments and free of rogue peaks and troughs. SP-10 White Metal is effortlessly achieved. A surface profile of 1.5-3.5 mill is easily achieved along with a much greater number of peaks per unit area.

- **Improving Health**

It is non-toxic. There is no silicosis hazard, leachable heavy metals or radioactive contaminants. Lower consumption and recyclability result in greatly reduced disposal volumes of non-toxic product.

- **Recycling**

It is suitable for multiple usage. It can be recycled 5 times or more without losing its superior cutting ability. Special GMA Garnet™ recycling systems are available upon request. All of which adds up to natural, clean and cost-effective blasting.

CODE	GRIT SIZE	SIEVE OPENING (MESH)
636108	3040	30/40
636107	3060	30/60
636118	80	80
636125	120	120
636131	150	150

SURFACE CLEANLINESS :

- **Even Profile**

The shape and size of GMA Garnet™ grains ensure an even profile of 50 - 75 microns (controlled by blast pressure and air flow).



SURFACE PREPARATION APPLICATIONS

- Shipyards, new building, conversion and repair, including antimagnetic and other special steels, as well as aluminium superstructures and aluminium and fibreglass hulls.
- Oil & petrochemical industry maintenance, work in refineries and storage tanks as well as on-shore and offshore installations.
- Construction and maintenance of chemical plants, nuclear and fossil power stations, gas and sewerage plants, desalination and industrial plants.
- Construction and maintenance of containers and tanks, tank trucks and rail tanks as well as rail cars and passenger trains.
- Bridge and weir locks, stainless steel.
- Building industry and structural steel.
- Stone building facades and monuments.
- Non-ferrous surfaces and turbine blades (special mesh).

PACKAGING



Bag = 25 kg
(55 lb.)

paper bags sold separately or wrapped onto a bulk bag with a inner plastic liner on a pallet.



Pallet = 1000 kg
(2200 lb.)

