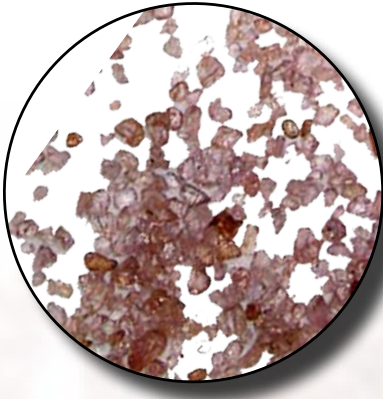




## GMA GARNET™



GMA Garnet™ abrasive 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 Safety and Health Administration requirements (OSHA).

It is a very hard and heavy abrasive. It can increase significantly the blaster's productivity by combining high efficiency and speed of action for a broad range of cleaning and stripping applications. Its performance compares to synthetic, more expensive media, however, its natural composition makes it a more environmentally friendly alternative. It can also be repetitively reused, allowing for significant savings compared to low recyclability media

Working speed	HIGH
Recyclability	MEDIUM
Probability of metal removal	MEDIUM
Hardness, Mohs scale (Rockwell RC)	8

Bulk Density (lb/pi.cu.)	130
Mesh Size	16-325
Typical Blast Pressure (psi)	30-80
Shape	

### ADVANTAGES:

- **Low Dusting** – Significantly increasing blaster's visibility
- **High Productivity** – Its toughness and aggressiveness allow for quick and efficient action, which increases significantly the blaster's productivity and reduces abrasive consumption
- **Low Consumption** – Its unique grain size ensures that there are many more active grains impacting on the surface resulting in greatly reduced abrasive consumption
- **Chemical properties** – chemically inert and non-magnetic, it is versatile for a variety of processes
- **Superior Surface Quality** – Its 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 embedment and free of rogue peaks and troughs. SP-10 White Metal is effortlessly achieved
- **Safe for users** – It is nontoxic and free of heavy metals or radioactive contaminants
- **High recyclability** – GMA Garnet™ can be recycled 5 to 10 times without losing its superior cutting ability, which results in lower abrasive consumption and lower purchase and disposable costs



## GMA GARNET™ (CONT'D)

### APPLICATIONS :

#### **Deep, even cleaning capabilities**

The shape and size of GMA Garnet™ grains ensure an even profile of 50 - 75 microns (controlled by blast pressure and air flow). It can easily and effortlessly achieve SSPC-SP10 – Near White Metal – cleaning result (Society for Protective Coatings and NACE International Standard).

Its toughness acts efficiently and quickly on the surface that needs treatment. Thus, GMA Garnet™ delivers high productivity and impeccable results by eliminating rust, scale, and other stubborn residues.

#### **Surface Preparation**

GMA Garnet™ provides even and predictable anchor profile, resulting in higher quality bonding coatings. It has proven itself in a variety of applications and its competitive price makes the preferred choice whether or not it is to be recycled at the end of the process. Here are some examples:

- Shipyards, new building, conversion and repair, including antimagnetic and other special steels, as well as aluminum superstructures and aluminum and fiberglass hulls
- Oil & petrochemical industry maintenance work in refineries and storage tanks as well as onshore 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 passengers trains

Garnet™ is available in a variety of sizes depending on the application:

CODE	GRIT SIZE	SIEVE OPENING (MESH)
636107	GX-1	30/60
636108	GX-2	30/40
636118	80	80
636125	120	120
636140	200	200

### PACKAGING



Bag = 55 lb



Super bag = 2,000 lb



Pallet = 40 bags

