



GMA Garnet

Natural Abrasive Mineral

GMA Garnet consists of **Almandite** garnet grains – one of the hardest, most durable natural minerals known to man.

- **ecological**: thanks to its non-toxicity, GMA Garnet falls well within the maximum legal limits set by environmental protection standards for silicon materials (crystalline silicon), toxic and carcinogenic materials. This makes working environments safe, healthier, clean, and with dramatically lower noise levels – as blasting can be carried out at low pressure;
- totally natural;
- chemically inert;
- does not contain ferrite: **does not oxidise** and can be used to blast STAINLESS STEEL, Anti-magnetic steel, Aluminium etc;
- cuts disposal costs thanks to low consumption.

PROPERTIES:

- **Low consumption**: thanks to the high stripping speed of this abrasive (high number of grains per unit of volume), its blasting **speed** in m²/h is higher by up to **50-100%** according to cases, with **consumption** of blasting material cut down by up to **66%** with respect to traditional materials.
- **The considerable hardness** (7.5-8.0 Mohs) and **durability**, exceptionally low crumbliness and high specific weight (4.1) of this material allow users to carry out dry blasting **without generating any dust** and achieving superior blasting performance with uniform surface roughness, without humps or dips, preventing abrasive infiltration and rust spotting, the most frequent sources of poor anti-corrosion treatment results. SA3 blasting standards are achieved effortlessly.
- **Non-hygroscopic**: this material is moisture-free, and therefore even easier to use and stock.
- **Low friability**: it can be re-utilised 5 to 10 times according to application types without losing any of its outstanding stripping power.

Available particle sizes: GMI 20/40, GMA/GMI 30/60, GMA/GMI 80, GMA/GMI 120, GMRI 200 e 350. Choosing the right mesh allows blasting to be carried out according to the nature and condition of the surfaces to be treated and to the desired surface finish.