

GARNET



Garnet is a reusable mineral abrasive based on the natural occurring mineral Almandine. Garnet meets the requirements laid down in BG rule 500, part 2, chapter 2.24 „Working with blasting equipment (blasting works).“

CHARACTERISTICS

- > versatile
- > reusable
- > high specific weight
- > iron-free for stainless and special steels
- > low dust
- > for air blasting technology
- > ISO 9001 certified

CHEMICAL ANALYSIS

(GUIDELINE VALUES OF NATURAL PRODUCT)

SiO ₂	35 %
Al ₂ O ₃	21 %
Fe ₂ O ₃	31 %
MgO	8 %
CaO	1,5 %

PHYSICAL PROPERTIES

specific weight	approx. 4,1 g/cm ³
bulk density	approx. 2,4 g/cm ³
Mohs hardness	approx. 8
particle shape	angular/cubic

SIZES

- 0,4 – 1,40 mm
- 0,3 – 0,85 mm
- 0,18 – 0,60 mm
- 0,18 – 0,425 mm
- 0,09 – 0,25 mm

PACKAGING

- > 25 kg paper bags in big bags à 1.000 kg
- > Big Bags à 1.000 kg

USE

Use in recycling blasting systems for mobile and stationary purposes and in automatic blast rooms possible. Low-dust blasting compared to expendable blasting media.

Due to absence of free metallic iron suitable for blasting works on stainless steels, special steels, non-ferrous metals and wood.

Industrial sectors: corrosion protection, shipyard industry, apparatus and tanks, stainless steel and steel construction, blasting of wood.