

## GARNET



Garnet is a reusable mineral abrasive based on the natural occurring mineral Almandine. Garnet meets the requirements laid down in DGUV rule 100-500, part 2, chapter 2.24 „Working with blasting equipment (blasting works).“

### CHARACTERISTICS

- > versatile
- > reusable
- > high specific weight
- > iron-free for stainless and special steels  
(depending on the origin and variant)
- > low dust
- > for air blasting technology
- > ISO 9001 certified

### CHEMICAL ANALYSIS

#### (GUIDELINE VALUES OF NATURAL PRODUCT)

SiO <sub>2</sub>	35 – 39 %
Al <sub>2</sub> O <sub>3</sub>	21 %
Fe <sub>2</sub> O <sub>3</sub>	17 – 35 %
MgO	5 – 8 %
CaO	1 – 2 %

### PHYSICAL PROPERTIES

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

### SIZES

- 0,400 – 1,400 mm
- 0,300 – 0,850 mm
- 0,180 – 0,600 mm
- 0,180 – 0,425 mm
- 0,090 – 0,250 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.