

# GARNET HS



**GARNET HS** is a natural, mineral, environmental iron-free blasting abrasive with a long service life. It consists of the natural mineral garnet (almandine) and has the following technical details:

## • CHEMICAL ANALYSIS

Silicon dioxide	32 – 44 %
Aluminium oxide	18 – 22 %
Iron(III) oxide	28 – 35 %
Calcium oxide	2 %

- CONTAINS NO WATER-SOLUBLE CONSTITUENTS
- CONTAINS NO FREE CRYSTALLINE SILICIC ACID
- CONTAINS NO METALLIC IRON

• Specific weight	4.1 kg/dm <sup>3</sup>
• Bulk density, for standard grain size	2.4 kg/dm <sup>3</sup>
• Mohs hardness	approx. 8
• ISO 9001	

## • STANDARD GRAIN SIZES FOR HIGH-PRESSURE ABRASIVE WATERJET CUTTING

- 120 Mesh 0.10 – 0.25 mm
- 80 Mesh 0.18 – 0.35 mm
- 60 Mesh 0.20 – 0.40 mm
- other grain sizes available on request.

## • PACKING

- 25 kg paper bags on EURO pallets
- 1.000 kg/ 1.500 kg big bags

## • USE

- Abrasive cutting material
- Filter media

## • FIELDS OF APPLICATION

- High-pressure abrasive waterjet cutting
- Water filters

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