

Product Data Sheet

# GARNET HS

**GARNET HS** is a natural, mineral environment-friendly, iron-free blasting abrasive with a long service life. It consists of the natural mineral garnet (almandine) and is in accordance with ISO 11126-10 N/GA/G. **GARNET HS** can be used in accordance with the requirements of BGR 500, Part 2, Section 2.24, "Working with blasting equipment", and has the following technical details:

## CHEMISCHE ANALYSE

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

## ABRASIVE BLASTING SYSTEMS

- Compressed air blasting systems
- Injector blasting cabinets
- Slurry blasting systems

## FIELDS OF APPLICATION

- Blast cleaning
- Matting
- Blasting of non-ferrous metals
- Low-dust dry blasting
- Blasting of wood

## GRAIN SIZES

- HS 1 0.10 – 0.25 mm
- HS 2 0.18 – 0.35 mm
- HS 2+ 0.20 – 0.40 mm
- HS 3 0.25 – 0.50 mm
- HS 4 0.30 – 0.80 mm
- HS 5 0.50 – 1.00 mm
- HS 7 0.70 – 1.40 mm

## PACKING

- 25 kg paper bags on EURO pallets
- 1,000 kg/ 1,500 kg big bags

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