

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 ³
Bulk density, for standard grain size	2.4 kg/dm ³
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 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 big bags

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STEAG Power Minerals GmbH
Duisburger Str. 170
46535 Dinslaken, Deutschland
E-Mail: pqa@steag.com

