Garnet

Garnet is natural sand and belongs to the group of garnet stones.
Garnet sands are monocrystalline, unbroken grains with irregular shapes with naturally polished edges.

Applications:

- Reusable abrasive
- High-pressure water jet cutting medium
- Blast cleaning

Blasting systems:

- Pressure blast systems
- Injection blast cabinets

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Typical physical properties

Hardness	approx. 6 - 7,5 mohs
Grain shape	angular
Melting point	approx. 1300 °C
Specific gravity	approx. 3,5 - 4,3 g/cm^3
Bulk density	approx. 1,9 – 2,2 g/cm^3

Typical chemical analysis

SIO_2 (no free silica)	35,00 %
Fe_2O_3	33,00 %
Al_2O_3	23,00 %
MgO	7,00 %
MnO	1,00 %
CaO	1,00 %

Available sizes

GARNET for blast cleaning	
MESH	**Average grain size (mm)**
12/20	0,50 - 1,20
20/40	0,50 - 1,00
30/60	0,20 - 0,60
GARNET for high-pressure water jet cutting	
MESH	**Average grain size (mm)**
80	0,180 - 0,35
120	0,180 - 0,25
180	0,090 - 0,15
200	0,075 - 0,15
240	0,045 - 0,10

Packaging

25 kg bags on pallet up to 1 ton
1 ton loose in big bag

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