



Garnet Sand GARNET / GARNET SOFT

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
- Cleaning of building exteriors
- Sweeping

Blasting systems

- Pressure blast systems
- Injection blast cabinets

Typical physical properties

Hardness	ca. 6–7,5 mohs
Grain shape	angular
Melting point	approx. 1300 °C
Specific gravity	approx. 3,5–4,3 g/cm ³
Bulk density <small>depending on granular size</small>	approx. 1,9–2,2 g/cm ³

Typical chemical analysis

SiO ₂ (no free silica)	35,00 %
Fe ₂ O ₃	33,00 %
Al ₂ O ₃	23,00 %
MgO	7,00 %
MnO	1,00 %
CaO	1,00 %

Packaging

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

Available sizes

GARNET

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

GARNET SOFT for cleaning of building exteriors

Metric	Average grain size (mm)
	0,01 – 0,06
	0,06 – 0,10
	0,10 – 0,25

Other grain sizes can be produced if required.



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