

# GARNET SAND / 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	approx. 6 - 7,5 mohs
Grain shape	angular
Melting point	approx. 1300°C
Specific gravity	approx. 3,5 - 4,3 g/cm <sup>3</sup>
Bulk density (depending on granular size)	approx. 1,9 - 2,2 g/cm <sup>3</sup>

### Typical chemical analysis

SiO <sub>2</sub> (no free silica)	35,00 %
Fe <sub>2</sub> O <sub>3</sub>	33,00 %
Al <sub>2</sub> O <sub>3</sub>	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.

