



## ABRAGRIT

Abragrit is glassy, amorphous, water-repellent, very hard and tough as no breaking or grinding processes take place. As such, this results in less dust. The product is used as a blasting agent in conventional corrosion protection and is suitable for purity grades SA 3, SA 2½, SA 2, and SA 1. Abragrit is manufactured largely based on ISO standard 11126-3 with the following technical data:

### Chemical analysis

Composition calculated as oxides:

SiO <sub>2</sub>	32 – 38 %
Al <sub>2</sub> O <sub>3</sub>	4 – 8 %
Fe <sub>2</sub> O <sub>3</sub>	51 – 58 %
CaO	2 – 10 %
K <sub>2</sub> O	0 – 2 %
MgO	1 – 3 %
Others	Only traces

Metals are chemically bound as silicates or aluminates. All values are given in weight percent.

### Grain Sizes

AG250	0.1 – 0.4 mm
AG06	0.1 – 0.6 mm
AG08	0.2 – 1.0 mm
AG15	0.2 – 1.5 mm
AGX	0.5 – 1.6 mm
AG25	0.2 – 2.5 mm
AGST	0.5 – 2.5 mm

Other grain sizes available on request.

### Physical properties

Form	sharp and angular
Color	grey / black
Hardness	min. 7 Mohs
Specific gravity	3.7 kg/dm <sup>3</sup>
bulk density	1.85 kg/dm <sup>3</sup>
Electrical conductivity	< 250 µS/cm
Water-soluble chlorides	< 0.0025 % (m/m)
Free crystalline silica	≤ 1 % (m/m)

### Beam systems

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

### Areas of application

- Blasting media
- Roof grit
- Anti-slip agent

### Packaging

- 25kg paper bags on pallets
- 1,000kg / 1,350kg / 1,500kg big bags
- Bulk
- Other packaging options on request

