SWARCOBLAST Glass Blasting Granulate

Technical information

Main characteristics

SWARCOBLAST glass blasting granulate is a non-metallic mineral fine blasting medium made of glass. The blasting granulate is suitable for gentle cleaning, deburring, derusting, descaling of metallic materials and for wood processing.

Available grain sizes

Sieving range	µm	80-150 100-200 100-400 200-300 40-70 **(*)**	300-500 300-600 300-800 400-1400 600-1000

(*) Produced exclusively by SWARCO VESTGLAS (DE-Recklinghausen).

Further customized particle-size distributions are possible upon request.

Product information

Property	Typical value	Unit
Specific weight	2,5	g/cm^3
Bulk weight	~1,1-1,4	kg/l
Hardness	6-7	acc. to Mohs
	46-58	acc. to Rockwell
	645	acc. to Vickers

Processing pressure of glass blasting granulate should not exceed 4 bar.

Chemical composition

SWARCOBLAST glass blasting beads are melted from soda lime glass:

Property	Typical value	Unit
SiO_2	65-75	%
Na_2O	10-20	%
CaO	5-15	%
MgO	0-10	%
Al_2O_3	0-10	%
K_2O	0-3	%
BaO	0-3	%
Fe_2O_3	0-3	%

Packaging

- In 25kg paper bags (with poly-inner bag).
- Packaging in 500 – 1.250 kg big bags is available upon customer request.

Storage

- Store products in closed, dry warehouses.
- Shelf life in original packaging:
  - < 100 µm: 6 months
  - ≥ 100 µm: 12 months
- Protect from frost, overheating, and direct sunlight.
- Ideally, SWARCOBLAST glass blasting granulate should be moved to the processing hall the day before to ensure optimal adaptation to the ambient temperature and dry processing.

Important information: For technical production reasons, foreign impurities, additives and oversized grains up to max. 0.1 wt% can occur. Dust content or undersized particles (unless otherwise stated in the sieve curve) are possible up to 0.5 wt%.

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This information is, however, no warranty for any properties of the material. We provide this information without obligation, also regarding the rights of third parties.

The users have to make sure that the material is appropriate for the respective application.

Upon the release of a new technical information sheet, this document becomes invalid.