



Glass beads

Areas of application

- Reusable abrasive, fine abrasive, dry abrasive
- Filler beads
- Reflective glass beads

Blasting systems

- Pressure blast systems
- Injector blast cabinets

Packaging

- 25 kg sacks on pallet up to 1 t
- 1 t loose in a big bag

Customer approvals

- CSS8 (Rolls-Royce)

Deliverable standards and specifications

- AMS 2431/6
- MIL-G-9954
- NF L 06-831

Available grain sizes

Metric	Grain size range (µm)
	0 – 50
	40 – 70
	70 – 110
	90 – 150
	100 – 200
	150 – 250

Glass beads are a mineral, iron-free, reusable abrasive with a wide range of applications. Due to their spherical shape, they have a low abrasive effect and are therefore ideally suited for gentle cleaning. The special ability of the glass beads is to produce a silky matt surface finish.

Physical properties

Hardness	6 mohs
Grain shape	spherical
Melting point	approx. 730 °C
Specific gravity	approx. 2.5 g/cm ³
Bulk density*	approx. 1.5 – 1.6 g/cm ³

*depending on granular size

Typical chemical analysis

SiO ₂	70.00 – 75.00 %
Na ₂ O	12.00 – 15.00 %
CaO	7.00 – 12.00 %
MgO	max. 5.00 %
Al ₂ O ₃	max. 2.50 %
K ₂ O	max. 1.50 %
Fe ₂ O ₃	max. 0.50 %

Other grain sizes can be produced on request.