



Glass Beads – GP

In the production of glass granules, soda-lime glass is crushed and pre-sifted. The crushed glass is then shaped into beads by means of a heat stream in a furnace. Glass beads are a mineral blasting medium.

Applications

- Reusable abrasive
- Polishing
- Compacting
- Blast-cleaning

Blasting systems

- Pressure blast systems
- Injection blast cabinets

Typical physical properties

Hardness	6 mohs
Grain shape	spherical
Melting point	approx. 730 °C
Specific gravity	approx. 2,5 g/cm ³
Bulk density <small>depending on granular size</small>	approx. 1,5–1,6 g/cm ³

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 %

Packaging

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

Available sizes

Metric	Average grain size (µm)
	0 – 50
	40 – 70
	70 – 110
	90 – 150
	100 – 200
	150 – 250
	200 – 300
	300 – 400
	400 – 600
	600 – 800

Other grain sizes can be produced if required.



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