

GLASS BEADS



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
- Shot peening
- 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 (depending on granular size)	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	5,00 %
Al ₂ O ₃	2,50 %
K ₂ O	1,50 %
Fe ₂ O ₃	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.

