

**Product Data Sheet**

## GLASS BEADS

**GLASS BEADS** is an iron-free, environment-friendly blasting abrasive in accordance with DIN 8201. It consists of fused, broken sodium glass and can be used in accordance with the requirements of BGR 500, Part 2, Section 2.24, "Working with blasting equipment". **GLASS BEADS** has the following technical details:

### CHEMICAL ANALYSIS

Silicon dioxide	min. 65 %
Aluminium oxide	0.50 – 2.00 %
Iron (III) oxide	max. 0.15 %
Calcium oxide	min. 8 %
Sodium oxide	min. 14 %

Specific weight/ grain density	2.5 kg/dm <sup>3</sup>
Bulk density, for standard grain sizes	1.5 kg/dm <sup>3</sup>
Mohs hardness	approx. 6

### ABRASIVE BLASTING SYSTEMS

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

### FIELDS OF APPLICATION

- Finish blasting/ burnishing
- Blast cleaning
- Shot peening
- Gentle cleaning of sensitive surfaces (moulds, tools, turbine blades)
- Blasting of non-ferrous metals

### GRAIN SIZES

- 75 – 125 µm
- 90 – 150 µm
- 100 – 200 µm
- 150 – 250 µm
- 200 – 300 µm
- 300 – 400 µm

other grain sizes available on request.

### PACKING

- 25 kg paper bags on EURO pallets
- 1,000 kg/ 1,500 kg big bags

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