

GLASS BEADS



GLASS BEADS are a smooth reusable synthetic blasting abrasive based on melted natron glass in accordance with DIN 8201. The product meets the requirements laid down in BG rule 500, part 2, chapter 2.24 „Working with blasting equipment (blasting works).“

CHARACTERISTICS

- > smooth
- > mattifying, flattening, shot peening
- > reusable
- > iron-free for stainless and special steels, non-ferrous metals and wood
- > for air- and injector-blasting technology

SIZES

| | |
|--------------|--------------|
| 1 – 50 µm | 150 – 250 µm |
| 40 – 70 µm | 200 – 300 µm |
| 50 – 105 µm | 200 – 400 µm |
| 70 – 110 µm | 300 – 400 µm |
| 90 – 150 µm | 400 – 600 µm |
| 100 – 200 µm | 400 – 800 µm |

CHEMICAL ANALYSIS

(guiline values)

| | | |
|--------------------------------|------|-----------|
| SiO ₂ | min. | 65 % |
| Al ₂ O ₃ | | 0,5 – 2 % |
| Fe ₂ O ₃ | max. | 0,15 % |
| MgO | min. | 2,5 % |
| CaO | min. | 8 % |
| Na ₂ O | min. | 14 % |

PHYSICAL PROPERTIES

| | | |
|-----------------|---------|-----------------------|
| specific weight | approx. | 2,5 g/cm ³ |
| bulk density | approx. | 1,5 g/cm ³ |
| Mohs hardness | approx. | 6 |
| particle shape | | round |

PACKAGING

25 kg paper bags on pallets à 1.000 kg
1.000 kg big bags

USE

Use as reusable blasting media in stationary air blasting systems like for ex. injector blasting cabinets.

Smooth cleaning of sensitive surfaces.

Due to absence of iron suitable for blasting works on stainless steels, special steels and non-ferrous metals.

Removal of annealing colors and flattening of welding seams. Shot peening.

Industrial sectors: Apparatus and tanks for pharmaceutical and food industry, stainless steel construction, shipyard industry, design & architecture.