

Blasting Grit

P/N 44.01.009

In the production of blasting grit, 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

- Field application
- Blasting systems

Reusable abrasive, polishing, compacting, blast-cleaning

Pressure blast systems, injection blast cabinets

Typical Physical Properties

- Hardness
- Grain shape
- Melting point
- Specific gravity
- Bulk density depending on granular size
- Average grain size

6 mohs
spherical
approx. +730 °C (1346 °F)
approx. 2.5 g/cm³
approx. 1.5 g/cm³ to 1.6 g/cm³
200 µm to 300 µm

Typical Chemical Analysis

- | | |
|----------------------------------|--------------------|
| • SiO ₂ | 70.00 % to 75.00 % |
| • Na ₂ O | 12.00 % to 15.00 % |
| • CaO | 7.00 % to 12.00 % |
| • MgO | max. 5.00 % |
| • Al ₂ O ₃ | max. 2.5 % |
| • K ₂ O | max. 1.5 % |
| • Fe ₂ O ₃ | max. 0.50 % |

Further Information

- Packaging Plastic container 1 kg (2.2 lbs)

