

Glass Beads



The glass abrasive is spherical hard glass, thus it is suitable for removing dirt, scale and different oxides from the surface without damaging the treated surface itself.

As the glass does not trigger chemical reaction with other materials, it does not cause corrosion or metal deposition on the treated surface, therefore it is an ideal blasting material for blasting steel, aluminium, coloured and precious metal. Cleaning is slower compared to using corundum but the treated surface shows a homogeneous, smooth effect.

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 (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	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

Available sizes

Average grain size (μm)
0 - 50
40 - 70
70 - 110
90 - 150
100 - 200
150 - 250
180 - 300
200 - 300
300 - 400
400 - 600
600 - 800