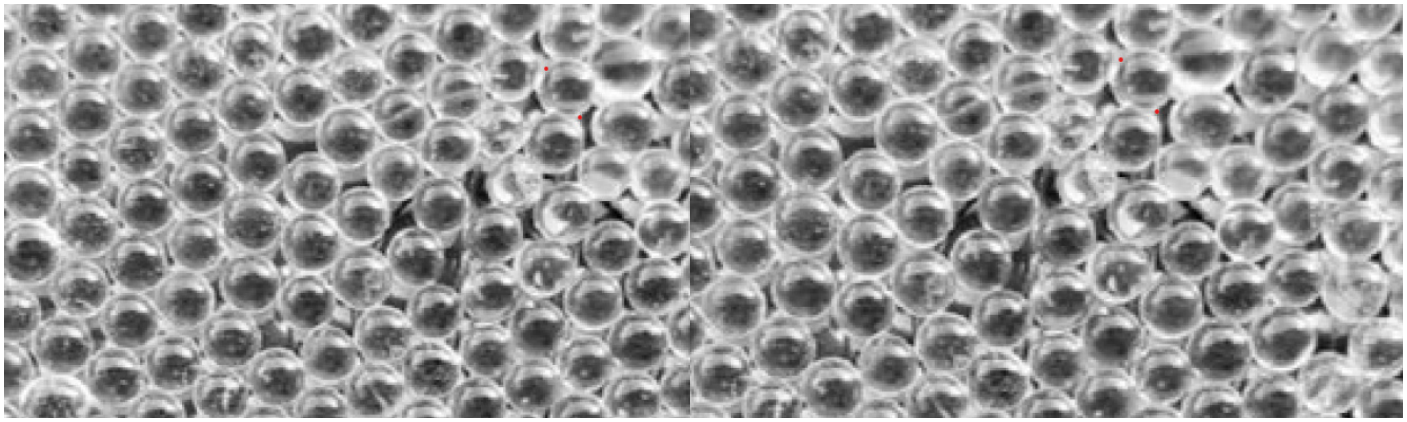
Technical Data Sheet

Glass Beads

Note: Read and follow the Blastline Blast machine operations manual and provide proper training for all users of the device in order to achieve a safe and effective blasting operation.



Description

Glass bead blasting is a highly effective, versatile, and affordable option that can produce an aesthetic finish alone, or provide a surface suitable for NDT.

Applications

Glass beads are a reusable abrasive and are mainly used in blast rooms and blast cabinets. Glass beads contain no free iron to cause corrosion on non-ferrous surfaces, therefore glass beads are very suitable to use on all types of metals. Since it doesn't create an anchor profile, it is mainly used to clean a substrate without roughening it or to polish the surface.

Advantages

- Gentle solution for treating sensitive surfaces.
- Long lasting and environment friendly.
- Safe for operatives when considering long term health issues.
- It is chemically inert and does not undergo any kind of chemical reaction.

Physical porperties

Grain shape	spherical
Hardness	5.5 MOH
Bulk density	1.5 g/cm³
Specifice gravity	2.5 g/cm³
Colour	Transparent

Chemical Composition

Al_2O_3	0.50-2.0%
TiO_2	> 14%
Fe_2O_3	< 0,15%
SiO_2	> 65.0%
CaO	> 8,0%
MgO	> 2,5%

Size

0-50 µm	150-250 µm
40-70 µm	200-300 µm
70-110 µm	300-400 µm
90-150 µm	400-600 µm
100-200 µm	600-800 µm

Blastline is committed to continous product improvement. Specifications are subject to change without notice.

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