

GLASS BEADS - INDUSTRIAL

TRADE NAME
STARBEAD® INDUSTRIAL BEADS
DESCRIPTION

Starbead® are high quality glass micro spheres resulting from the specialised processing of selected glass cullet.

FUNCTION

Starbead® is a versatile blasting media used in a variety of applications.

Finishing: Used on a wide range of materials including metal, glass, plastic and rubber. The smaller the glass spheres, the smoother the textured surface.

Cleaning: Glass Bead blasting removes/cleans foreign substances from the surface without a dimensional change to the surface.

Deburring: Glass Bead blasting removes burrs, feathered edges, from parts in a precision operation. Corners and edges must be deburred with precision to assemble and operate properly. Glass Bead blasting guarantees that no base metal from the surface is removed.

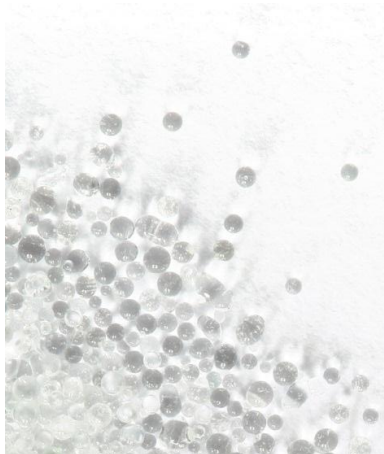
Peening: Peening with Glass Bead is a low-cost form of creating a uniform surface layer of compressed stress in alloy substances. Peening acts to combat stress cracks and corrosion, resulting in increasing the life of metal parts.

**TYPICAL CHEMICAL ANALYSIS
(full analysis on application)**

SiO ₂	72.55% (no free silica)
Al ₂ O ₃	0.5 - 2%
K ₂ O	0.88%
Na ₂ O	13.78%
CaO	7.02%
Fe ₂ O ₃	0.18%
MgO	3.02%

TECHNICAL DATA

Hardness	6-7 Moh scale
Specific weight	Approx. 2.6 g/cm ³
Bulk weight	Approx. 1.6 kg/L
Free silica	None
Shape	Round
Storage	Dry, sheltered storage conditions
Packaging	25 kg bags, palletised

SIEVING RANGE


CODE	SIZE RANGE (micron)	PERFORMANCE CHARACTERISTICS
BL	400 – 800	
C	200 – 400	
AB	200 – 300	Used for the cold working of metal surfaces as well as for general clearing.
AC	150 – 250	
AD	100 – 200	Peening with glass bead abrasive material provides the right balance of stress relief without over-stressing and causing damage.
AF	70 – 150	
AG	50 – 100	Can be recycled up to 30 times.
AH	40 – 70	
AQ	1 – 50	