

## BLASTING GLASS BEADS

### TRADE NAME

### BLASTRITE GLASS BEADS

### DESCRIPTION

BLASTRITE Glass Beads are high quality glass micro spheres resulting from the specialised processing of select glass cullet.

### FUNCTION

BLASTRITE GLASS BEADS are versatile blasting media used in a variety of applications:

**Finishing:** For use in 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 and cleans foreign substances from the surface without a dimensional change to the surface.

**Deburring:** Glass Bead blasting removes burrs and 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 the increased life of metal parts.

### CHEMICAL ANALYSIS

SiO <sub>2</sub>	72.55%
Al <sub>2</sub> O <sub>3</sub>	2.00%
Fe <sub>2</sub> O <sub>3</sub>	0.18%
Na <sub>2</sub> O	13.78%
CaO	7.02%
MgO	3.02%

### TECHNICAL DATA

Hardness	6 - 7(MOHS)
Specific weight	2.60 g/cm <sup>3</sup>
Bulk weight	1.60 kg/L
Particle shape	Round
Storage	Dry, Sheltered Area
Packaging	25Kg bags, 1 ton pallet

### SIEVING RANGE

CODE	SIZE RANGE (micron)	PROFILE RANGE (micron)
1	50 – 100	
2	100 – 200	
3	180 – 300	
4	300 - 400	