

## Glass beads

Glass Beads are a spherical abrasive manufactured from chemically inert soda lime glass.

Glass Beads are used for cleaning, finishing, light peening, deburring, sanitizing, descaling, coating removal, polishing and surface blending.

Glass Beads produce a bright satin finish; finer beads produce a smoother non glare finish, while larger beads produce a deeper textured finish. Blasting with Glass Bead does not produce any dimension changes to the part base surface.

### Chemical Composition:

SiO <sub>2</sub>	MgO	Al <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O	CaO	K <sub>2</sub> O
71-73%	3-5%	0.5-2%	13-15%	8-10%	0.2-0.6%

### Physical Properties

Hardness	Specific Gravity	Bulk density	Shape	Free Silica	Free Iron	Colour
6-7 Mohs	2.45-2.50 g/cm <sup>3</sup>	1500 kg/m <sup>3</sup>	Spherical	NIL	<1%	Clear

### Sizes

Size in mesh	25-45	30-40	40-60	40-70	50-70	50-80

### Applications:

Cleaning, surface finishing and sanitizing of metallic parts, especially effective on stainless steel, food processing equipment, medical instruments.

Shot peening of aircraft engine blades, turbine rotors, gears, blisks, shafts, steam and gas turbine components. Stress corrosion cracking prevention.

Deburring and surface blending of gears, turbocharger parts, ferrous and non ferrous fabrications, aluminium die casting and machined parts.

Package: in 1 mt big bag