

We utilize our professional skills in sandblasting

Sandblasting is used in various fields of industry, technology, or living.

Abrasive is especially important for the process, so we recommend our blasting media series.

We take advantages of our technology, experience, knowledge, and know-how on blasting to provide you the best media.

The Fuji blasting media series meets a wide range of needs in a convincing way.



FUJI GLASS BEADS (FGB)

This spherical glass beads does not cut the surface more than necessary. It creates uniform pearskin surfaces.

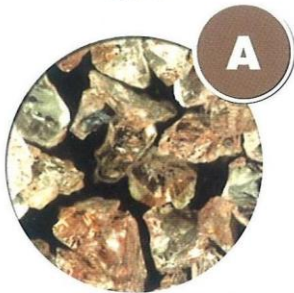
It's homogeneous, soda glass abrasive that is stable physicochemically. It does not cut processing surfaces more than necessary nor contaminate them, so it enables high-precision surface processing, and creates characteristic matte surfaces. Also it's used for shot peening which prevents metal from fatigue breakdown or stress corrosion cracking, over a wide range. The processed surface is resemblant to that of a golf ball, showing gentle concavities and convexities. The more the particle diameter is big, the more the surface becomes glossy.

Use application : Cleaning, post weld cleaning, before and after plating, adjusting sliding surfaces, deburring for powder metallurgy parts or aluminum die-cast products, cleaning molds for rubber / plastic / glass, deburring for gears, improving the resistance to fatigue, removing carbon deposition, pearskin finish for decorative purposes (digital cameras, notebook computers, etc.), deburring for injection needles, various surface finishing.



FUJI GLASS POWDER (FGP)

This is grit type glassy abrasive that has a soft cutting ability.



FUJIRUNDUM A

This is the standard, brown fused alumina abrasive that is generally used extensively.

This brown fused alumina consists mainly of bauxite. The raw materials are fused in an electrical furnace, then impurities such as silica or iron oxide are removed, while titania is added for toughness enhancement.

Use application : Removing rust, Teflon coating preparation, paint preparation, thermal spray preparation, processing before and after brasing, plating preparation, chipping concrete, glass etching, preparation for adhesion of indwelling needles, nuclear parts decontamination, grain finish for molds



FUJIRUNDUM WA

This is white fused alumina abrasive that is made mostly of aluminum. It's suitable for the processing of products that should avoid change of color or iron residue.

This is high-purity alumina abrasive that is refined. Calcined alumina, the raw material is fused in an electrical furnace to adjust the size and the composition of crystal. It's suitable for a hard, easily -burned workpiece because of its hardness and appropriate toughness. In addition it does not blacken a workpiece when blasting because the color of the abrasive is white.

Use application : Cleaning for vacuum equipment parts (cleaning for jigs related to CVD or sputtering), deburring, glass / crystal / silicon cutting, vacuum deposition jig parts (dome, shield, chamber parts)



FUJIRUNDUM C

This is black silicon carbide abrasive that has high cutting ability and with low specific gravity.

This is fine powder of black silicon carbide. It is finely-milled and rectified black silicon carbide abrasive that has the hardness second to green silicon carbide. It's utilized to process semiconductor parts as abrasive for precision finishing.

Use application : superfine processing (roughen the surface, surface cleaning, grinding trace removing, dicing) , silicon cutting, ceramic fine processing, reclaiming, MEMS processing for amicroreactors.



FUJIRUNDUM GC

This is green silicon carbide abrasive that is harder, and with more durability than FUJIRUNDUM C.