

Gannon EcoBlast Abrasives

Glass Blast Media

Gannon EcoBlast is an abrasive glass media produced for impact blast finishing applications. This 100% recycled crushed glass abrasive is especially suited for preparing a variety of surfaces for painting. Available in four grades to meet most general blast finishing/cleaning applications.

Applications

- Removal of corrosion, concrete and paint from steelwork.
- Machinery and equipment renovation.
- Cleaning copper, brass, aluminium and stainless steel without any excessive profiling or surface damage.
- Cleaning of masonry, brick and stonework.
- Woodwork restoration.



Gannon EcoBlast Range

Sizes Available	:	Nominal Size
Ultra Fine	:	<0.2mm
Fine	:	0.2-0.5mm
Medium	:	0.5-1.2mm
Coarse	:	1.2-2.0mm

Ultra Fine:

Suitable for etching work, alloy wheels and soft material cleaning.

Fine:

Removal of paint from sheet metal, car bodies' etc. Removal of graffiti or mill scale. Metal Fabrication preparation prior to spraying.

Medium:

Removal of heavy coatings from plant equipment, structural steel, ships, bridges, pipelines etc.

Coarse:

Removal of extra heavy coatings from plant equipment, structural steel, ships, bridges, pipelines etc.

Superior Performance

- Angular to sub-angular particle shape quickly delivers clean, bright surfaces.
- Less abrasive media is required to complete the job; 30-50% less glass is required compared to slags and mineral abrasives.
- Suitable for wet and dry blast applications.
- Does not contain salts or chlorides which can exacerbate corrosion and is virtually free from metals.
- Significantly low particle embedment.
- Improved operator visibility due to light translucent color.
- Lighter than most abrasives, reducing disposal costs.
- Spent material can be recycled.

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Typical Chemical Composition and Physical Data

<u>Chemical Composition</u>			<u>Physical Data</u>		
SiO ₂	:	73%	Specific Gravity	:	2.4-2.6
Na ₂ O	:	14%	Shape	:	Angular/sub-angular
CaO	:	10%	Colour	:	White or mixed
MgO	:	<1%	Mohs Hardness	:	6
Al ₂ O ₃	:	<1%	Melting Point	:	1300°C
SO ₃	:	<1%			

Note: Composition and physical data presented are typical values which can vary.

Safety

- Amorphous glass has no detectable crystalline silica therefore cannot cause silicosis.
- Safe to handle without gloves despite angular shape.
- Respiratory and eye protection should be worn along with protective clothing during application.

Environment

- Manufactured from 100% recycled glass otherwise destined for landfill.
- Chemically inert and non-toxic and therefore can be used near and around water.
- May be recycled after blasting applications depending on application.

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