

Technical Data Sheet

Glass Grit



Note: Read and follow the Blastline Blast machine operations manual and provide proper training for all users of the device in order to achieve a safe and effective blasting operation.



Description

Glass Grit abrasive is a high-performance material used in the manufacturing industry for various applications. It contains small pieces of glass, which are then crushed and blended with other materials to create an abrasive substance. Glass Grit can be used as a media blasting agent to remove rust or paint from metal surfaces, creating a smooth finish. It can also be used as an additive in cleaning agents for industrial and commercial use, as it has excellent cleaning properties due to its hardness and non-toxic nature. It is also commonly used for grinding down tough metallic surfaces such as stainless steel, aluminum and cast iron.

Physical properties

Hardness	5.5-6.0 MOHS
Physical state	Solid
Colour	White, green, orange
Grain shapes	Angular
Density	1300 kg/m ³
Specific gravity	> 2.6
Odour	None
Melting point	Approximately 724°C
Water solubility	Insoluble

Advantages

- 100% Recycled Glass
- Inert Material
- Less than 1% Free Silica
- No Heavy Metals
- White Metal Finish a perfect substitute for Garnet
- Low Dusting

Chemical Composition

SiO ₂	72.5
Na ₂ O	13
CaO	11
MgO	1
Al ₂ O ₃	1.5
Fe ₂ O ₃	< 1