

BLAST MEDIA DATA SHEET - GUYSON GLASSGRIT

(for use with all compressed air blast systems - dry and wet)



Manual Blast Systems

Semi/Fully Automated Blast Systems

Robotic Blast Systems

Ultrasonic Baths and Tanks

Multi-Stage Aqueous Ultrasonic Systems

Mono and Co-Solvent Ultrasonic Cleaning Systems

Rotary Basket Spray Wash Systems

Conveyorised Spray Wash Systems

Spares Parts / Blast Media

GENERAL

Guyson Glass Grit is a premium quality soda-lime glass grit manufactured specifically for impact blast finishing applications.

It is a chemically inert, iron-free product, chemically identical to Honite glass bead but being ground glass, it has an angular appearance.

Glass grit has a mildly abrasive action but there is a more rapid breakdown than there is with alumina

APPLICATIONS

For general blast finish / cleaning applications where an alumina type abrasive may be too aggressive.

Chemical Composition

Soda-lime glass beads

SiO ₂	:	< 75%
Na ₂ O	:	< 15%
CaO	:	< 10%
MgO	:	< 5%
Free iron	:	0.1% (max by weight)

Physical Data

Shape	:	Angular / irregular
Colour	:	White
Specific gravity	:	2.4 – 2.6
Bulk density	:	1.5 g/cc
Hardness	:	Mohs 5

EINECS reference – Not applicable

CAS No – Not applicable

Sizes Available : Nominal Size Range (microns)

GG300	:	180 – 600
GG500	:	45 – 200

Pack Size : 20 kg

See Guyson MSDS reference 10 for all other details

Glass grit is a non-toxic and non-hazardous product that contains no free silica. No special disposal precautions are required for the product once it has been used for blast finishing purposes. However, contamination from a specific application or process must also be considered prior to disposal

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