

BLAST MEDIA DATA SHEET - GUYSON HONITE

(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 Honite is a premium quality soda-lime glass bead manufactured specifically for impact blast finishing applications.

It is a chemically inert, iron-free product, available in a range of bead sizes and can be used for a wide variety of cleaning, finishing and peening operations.

TYPICAL APPLICATIONS

Cleaning, Peening, Sheen Surface Finishing, General cleaning of tarnished components, Inert cleaning of sensitive surfaces e.g. auto parts, moulds and dies, removing heat scale and discolouration, creating a none reflective finish, cosmetic blending and covering surface defects etc.

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	:	Spherical and smooth
Colour	:	White
Specific gravity	:	2.4 – 2.6
Bulk density	:	1.5 g/cc
Hardness	:	Mohs 5

EINECS reference - 266-046-0
CAS No 65997-17-3

Sizes Available:

Honite 7	:	600 - 850
Honite 8	:	425 - 600
Honite 9	:	250 - 425
Honite 10	:	180 - 300
Honite 12	:	150 - 250
Honite 13	:	106 - 212
Honite 14	:	75 - 150
Honite 16	:	53 - 106
Honite 18	:	45 - 90
Honite 22	:	4 - 45

Pack Size : 25 kg bag

See Guyson MSDS reference 10 for all other details

Nominal Size Range (microns)

All Guyson Honite can be supplied with certification to Rolls Royce CSS8 aerospace standard should this be required. This is one of the highest conformity standards in the world and many other aerospace standards follow its lead. To achieve compliance, Honite has to pass rigorous batch tests that ensure its physical and chemical properties remain consistent.

Honite 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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