

# BLAST MEDIA DATA SHEET - GUYSON SINTERBALL

(for use with dry compressed air systems)



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 Sinterball is a high quality aluminium oxide blast medium specifically developed to provide excellent cutting power and durability. It is often used as an alternative to Saftigrit Brown. Sinterball is manufactured by sintering various mineral compounds at high temperature to produce a hard, dense, spherical medium.

Due to its method of manufacture, Sinterball wears surfaces away rather than relying on the jagged profile associated with normal alumina products. This provides low dust levels and a longer product life. As the particle size remains more consistent, Sinterball is manufactured in only a few selected mesh sizes.

## APPLICATIONS

Cleaning, removing corrosion and other surface deposits, roughening and etching. It is often favoured by stone masons when blasting through stencils to produce lettering on memorials.

### Mineralogical composition

Alpha alumina : 80%  
Mullite : 10%  
Spinel : 10%  
(complex ferro-titanium silicates)

### Physical data

Shape : Spherical  
Colour : Black  
Specific gravity : 3.77  
Bulk density : 2.1g/cc  
Hardness : Mohs 9

### Sizes Available

Range Sizes : 16/20, 20/40, 35/70

Pack Size : 25 kg bag

See Guyson MSDS reference 37 for all other details

Sinterball 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.

Guyson International Limited

Snaygill Industrial Estate • Keighley Road • SKIPTON • North Yorkshire • BD23 2QR

Tel: +44 (0) 1756 799911 • Fax: +44 (0) 1756 790213 • E-mail: info@guyson.co.uk • customers@guyson.co.uk  
www.guyson.co.uk



FM 38758