



BLAST MEDIA DATA SHEET

GUYSON SINTERBALL (for use with dry compressed air systems)

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 Brown Saftgrit. 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%
Spinels : 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.