



BLAST MEDIA DATA SHEET

GUYSON GUYGRAIN

(for use with dry compressed air systems)

General

Guyson Guygrain is a polyester based thermoset resin, polymerised with styrene monomer plus pigments and additives. It is then granulated to produce jagged angular shapes that clean with a unique chipping and shearing action. Without the aggression of other media, this product is ideal for cleaning more delicate products or removing surface residue and coatings whilst leaving the substrate undamaged.

It is the least aggressive and least common of the "soft impact" plastic media and can be used for dry stripping i.e. paint removal applications using pressure blast equipment at relatively low pressures.

It is commonly known as US type 1 plastic media.

Applications

Paint, coating and carbon removal. Mould, die and tool cleaning. Removal of light flash from die castings or burrs from machined parts. Deflashing of electronic components.

Chemical composition

Polyester resin

Physical data

Shape : Jagged / angular
Colour : Speckled / multicoloured*
Specific gravity : 1.50
Bulk density : 0.77 kg/l
Hardness : Mohs 3.0

Sizes Available** : 12/16, 16/20, 20/30,
30/40, 40/60

Pack Sizes : 25 kg box
125 kg drum

*colours may vary between different batches

**not all sizes available from stock

See Guyson MSDS reference 18 for all other details

Guygrain 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.