



# BLAST MEDIA DATA SHEET

## GUYSON FLEXGRAIN (turbine wheel and dry compressed air systems)

### General

Guyson Flexgrain is a specially produced soft iron bead with exceptional cleaning properties. The rounded shape remains during use and the shot multiplies its effectiveness during blasting due to the ricochet effect. The non-aggressive nature of the product allows it to be used for gentle removal of surface deposits without damage to sensitive substrates. Wear on blast equipment is minimised and the media itself has an excellent blast life, which reduces dust to very low levels.

Flexgrain would generally be used in wheel/turbine or pressure blast systems, but is still effective when used in suction feed systems.

### Typical Applications

Cleaning and reconditioning without dimensional change e.g. mould and die cleaning. Also carbon and light corrosion removal.

### Chemical composition: Iron bead

Iron : 98.70% minimum

Additionally includes small quantities of carbon, sulphur, phosphorus, manganese and silicon.

### Physical data

Shape	:	Spherical
Colour	:	Grey / black metallic
Apparent density	:	Not less than 3.5g/cc
Hardness	:	28 – 36 HRC (280 – 345 VPN)

**Size Available** : 150 – 300 microns

**Pack Size** : 25 kg

See Guyson MSDS reference 46 for all other details

Flexgrain is a non-toxic and non-hazardous product. 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.