



BLAST MEDIA DATA SHEET

GUYSON ALUSAD

(turbine wheel and dry compressed air systems)

General

Guyson Alusad is a bright aluminium granulate of spherical shape free from slag inclusions. It is degassed and refined in a controlled melting operation to produce a high quality, if rather specialised blast medium.

Due to its light, soft characteristics, Alusad causes minimal wear to all blast systems and the product itself has a long abrasive life.

Alusad would generally be used in wheel/turbine or pressure blast systems, but some of the smaller beads could also be used in suction feed systems.

Typical Applications

Bright cleaning of aluminium components, which may be damaged by denser stainless steel media.

Chemical composition

Aluminium bead	:	
Copper	:	6.0 – 6.5%
Iron	:	1.1 – 1.5%
Zinc	:	1.0 – 1.5%
Silicon	:	0.6 – 1.2%
Manganese	:	0.3 – 0.6%
Magnesium	:	0.2% approx.
Lead	:	0.15% maximum

Physical data

Shape	:	Spherical
Colour	:	Bright aluminium
Bulk density	:	1.5 – 1.7g/cc

Sizes Available	:	Nominal Size Range (microns)
A3	:	200 – 400
A6	:	200 – 800
A8	:	800 – 1200
A12	:	1200 – 2000
A16	:	2000 – 2800
Pack Size	:	25 kg

See Guyson MSDS reference 43 for all other details

Alusad 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.