

GUYSON ALUSAD

for use with 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			Sizes Available	:	Nominal Size Range (microns)
Si	:	approx 10.5%			
Fe	:	max 0.15%	A10	:	300 - 1000
Cu	:	max 0.03%	A20	:	800 - 2000
Mn	:	0.5 - 0.8%			
Mg	:	0.1 - 0.5%			
Zn	:	max 0.1%	Pack Size	:	20 kg
Ti	:	0.04 - 0.15%			
Sr	:	0.01 - 0.02%			
Al	:	rest			

Physical Data

Shape	:	Spherical
Colour	:	Bright Aluminium
Bulk Density	:	1.40 - 1.60 g/cc
Hardness	:	90 - 100 (when new)
(HV 0.3)	:	140 - 160 (in operation)

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

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