



## Plastic Medias

### TECHNICAL DATA

**Brand Name:** **GELBlast** Mac'Ants Group Ref: **GEL\_**

**Product:** Amino Plastic Media

**Description:** Fine grade amino plastic blast media

**Application:** Plastic Medias were initially devised in the mid 1980's by the US Military, both Air and Navy, successive developments and research into materials led the way to thermoset urea amino products. Our medias are manufactured from prime cured mouldings and comply with the stringent requirements, from gradation to hardness and composition. We are proud to have one of the worlds most efficient plants for producing this product. This media was designed for removal of paint and coatings from aluminium and composite materials without damaging these substrates. There is a vast array of other applications that can use this material and in the hands of a skilled operator large time and cost savings can be achieved against chemical and other forms of stripping. This product was specifically designed for use on substrates such as fibre glass and car bodies where an economic plastic media was needed, this product has distinct advantages over Soda blast media;

- Reuseable
- Quicker Coating Removal
- No Damage to Substrate
- Works at Lower Pressure
- NOT Caustic, no health hazard.

#### Chemical Composition:

Compound	Typical Content %
Urea (As part of UF Thermoset)	34
Formalin (As part of UF Thermoset)	32 – 33
Cellulose	33
Titanium Oxide	0.5 – 1.0
Iron Oxide	<0.01
Zinc Sterate	<0.01
Barium Sulphate	<0.01
QAT anti static solution	<0.02%

#### Physical Parameters:

Bulk Density	0.7 g /cc (subject to grade)
Shape	Semi Cubical
Colour	Multi Colour or White / Beige
Specific Gravity	1.47 – 1.52 g/cc
Hardness	54 – 62 Barcol

#### Gradation:

**GELBlast 1** 50F **GELBlast 2** 50/120 **GELBlast 3** 120F

#### Packaging:

Typically 25 kg plastic sealed sacks but 1000kg big bags are available and custom label on application

Page: 2-1-2

Issue: 2

Date: May 2011

Document Status: ~~Controlled~~ / **Uncontrolled** E & OE

**Mac'Ants Group**, Todwick Road, Dinnington, Sheffield S25 3SE UK

Tel: +44 (0) 1909 552500 Fax : +44 (0) 1909 568726

Email: [group@macants.co.uk](mailto:group@macants.co.uk) [www.macants.co.uk](http://www.macants.co.uk)