



Plastic Medias

TECHNICAL DATA

Brand Name: **Avialite** Type 3

Mac'Ants Group Ref: **T3 & PLAIII**

Product: Type 3 Plastic Media

Description: US Military specification Mil-P-85891A compliant melamine 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 melamine amino products. Our medias are manufactured from prime cured mouldings and comply with the stringent requirements of Mil-P-85891 specifications, 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. However it must be born in mind that the Type 3 (melamine) media has x 6 the aggression of Type 2 (Urea) media.

Chemical Composition:

Compound	Typical Content %
Melamine Crystal (As part of MF Thermoset)	34
Formalin (As part of MF 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	64 – 72 Barcol

Gradation:

US Military Grade specifications 12/16, 16/20, 12/20, 20/30, 20/40, 30/40, 40/60, 50/70, 60/80, bespoke and other sizes on request.

Packaging:

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

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