



Plastic Medias

TECHNICAL DATA

Brand Name: **Avialite** Type 5

Mac'Ants Group Ref: **T5 & PLAV**

Product: Type 5 Plastic Media

Description: US Military specification Mil-P-85891A compliant cell cast acrylic 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 cell cast acrylics products. Our medias are manufactured from prime cell cast acrylics 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. Type 5 media is one of the least aggressive medias and as such is capable when used by a trained technician / operator in being able to remove one coating of paint at a time!

Chemical Composition:

Compound	Typical Content %
Poly Methyl Methyl Acrylate	>98
Pigment	<1
QAT anti static solution	<0.02%

Physical Parameters:

Bulk Density	0.7 g /cc (subject to grade)
Shape	Semi Cubical
Colour	White or Clear for Grade A Multi Colour for Grade B
Specific Gravity	1.1 – 1.2 g/cc
Hardness	45-54 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

Page: 2-3-1
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Compiled By: K Martin Approved By: G A Lutkin

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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 www.macants.co.uk