



**Mac'Ants**  
Group

**Plastic Medias**

**TECHNICAL DATA**

**Brand Name:** *Avialite* Type 5 Mac'Ants Group Ref: **T5M**

**Product:** Type 5 Plastic Media - Mil' Spec'

**Description:** US Military specification Mil-P-85891A approved 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 thermoplastic acrylic products. Our medias are manufactured from prime plastic sections 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 world's 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. Ideal for stripping of coatings from composite components.

**Composition:**

<b>Compound</b>	<b>Typical Content %</b>	<b>CAS No. / EINECS No.</b>
Poly Methyl metacrylate polymer	99.4	9011-14-7 / NA
Titanium Dioxide (Pigments)	<0.8	13463-67-7 / 236-675-5
QAC, Anti Static Solution	<0.002	Not Available

**Physical Parameters:**

Bulk Density	0.58 – 0.65 g /cc (subject to grade)
Shape	Semi Cubical to Angular
Colour	Multi Colour (Jazz) to White / Grey
Specific Gravity	1.15-1.2 g/cc
Hardness	46-54 Barcol 2.5-3.0 moh

**Gradation:**

All standard Mil spec grades, 12/16, 16/20, 12/20, 20/30, 30/40, 20/40, 40/60, 60/80. Bespoke sizes on request

**Packaging:**

Typically 25 kg multi ply paper sacks, plastic sacks, cardboard boxes, 50kg of 125kg fibre drums, 1000kg big bags are available and custom label on application.

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