



Mac'Ants Group

Plastic Medias

TECHNICAL DATA

Brand Name: *Avialite* Type 5 Mac'Ants Group Ref: T5C

Product: Type 5 Plastic Media - Commercial

Description: Commercial 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. This variant is manufactured to Mil spec tolerances but is devoid of first article inspection analysis

Composition:

Compound	Typical Content %	CAS No. / EINECS No.
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)
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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