



Mac'Ants Group

Plastic Medias

TECHNICAL DATA

Brand Name: *Avialite* Type 3

Mac'Ants Group Ref:

T3M & T3C

Product: Type 3 Plastic Medias

Description: 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 urea 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 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. However it must be born in mind that the Type 3 (melamine) media has up to x 6 the aggression of Type 2 (Urea) media. We can offer C variants of this range as commercial quality or M variants with compliance to Mil-P-85891A specification.

Composition:

Compound	Typical Content %	CAS No. / EINECS No.
Thermoset Melamine Amino Polymer	66-70	9003-08-1 / NA
Cellulose	30-33	9004-34-6 / 232-674-9
Titanium Dioxide (Pigments)	<0.8	13463-67-7 / 236-675-5
Iron Oxide	<0.01	1309-37-1 / 215-168-2
Zinc Stearate	<0.01	557-05-1 / 209-151-9
Barium Sulfate	<0.01	7727-43-7 / 231-784-
QAC, Anti Static Solution	<0.002	Not Available

Physical Parameters:

Bulk Density	0.70 g /cc (subject to grade)
Shape	Semi Cubical to Angular
Colour	Multi Colour (Jazz)
Specific Gravity	1.4-1.6 g/cc
Hardness	62-74 Barcol 3.5-4.0 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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