

PLASTIC MEDIA



Plastic Media is a dust-free abrasive produced from special alloy of plastic material that has high tensile, compression, and flexural strength combined with comparatively low hardness. It is gentle on workpiece surface, but very effective for cleaning or removing paint, coating, and other stubborn materials.

It is widely used for deflashing plastic parts and cleaning molds, dies, electronic connections, and circuit boards. It can effectively deburr machined iron castings, zinc or aluminum die castings and non-ferrous screw machine parts in addition to deflashing molded plastic parts..

Working speed	MEDIUM-HIGH
Recyclability	MEDIUM
Probability of metal removal	VERY LOW
Hardness, Mohs scale	3-4

Bulk Density (lb/cu.ft.)	46-60
Mesh Size	18-80
Typical Blast Pressure (psi)	30-50
Shape	ou ●

ADVANTAGES:

- Gentle, efficient cleaning without damaging the workpiece surface
- Ideal to use on delicate workpieces, such as electronics, aircraft, engines, etc.
- Produces no dust
- Reusable and recyclable media
- Low wear on equipment
- Nontoxic and environmentally safe
- Made from recycled materials
- Silica free

APPLICATIONS:

- **Automotive:** Paint and primer stripping from automobiles and heavy vehicles
- **Aircraft:** Removing paint, corrosion and rust without altering anodized or alclad surfaces
- **Engines:** Cleaning and removing carbon deposits and paints from engine blocks and components
- **Electronics:** Remove flash from electronic components and circuit boards
- **Light Transportation:** Stripping paint from boats and other recreational vehicles
- **Molded parts manufacturing:** Mold and molded parts cleaning
- **Painting and coating industry:** Powder coating removal
- **Manufacturing industry:** Remove dust, corrosion and other stubborn residues from manufactured parts

PLASTIC MEDIA (CONT'D)

AVAILABLE PRODUCTS

T-2 UREA



Most versatile media and suitable for a wide range of cleaning and stripping applications in industries such as automotive, aviation and aircraft, mass transit and public transport, trucks and heavy vehicles.

Effective for stripping paints, coatings, hydrocarbon deposits, oils, waxes, adhesives, and sealants.

Barcol hardness of 54-62

T-3 MELAMINE



Very aggressive, fast blast media. Highly suitable for a variety of cleaning and stripping applications.

Ideal for removing paints, printers, hydrocarbon deposits and other stubborn materials, such as molds, engines, iron, and steel.

Barcol hardness of 64-72

T-5 ACRYLIC



Suited for applications that require high-stripping rates without altering the surface.

Ideal for aircraft components, powder coating removal on a variety of materials, such as aluminum parts, thin fiberglass components and thin gauge metals.

Barcol hardness of 46-54

PLASTIC MEDIA (END)

		Physical properties		
		Type 2	Type 3	Type 5
Hardness	Mohs scale	3.5	4.0	3.5
	Barcol	54-62	64-72	46-54
Specific Gravity		1.5	1.52	1.2
Apparent Density		0.7 - 0.8	0.7 - 0.8	0.6 - 0.7
Color		Mixed		
Particular Shape		Multiple Sharp Edges		
Operating Temperature		0-143° C		0-149° C
Flammability		Non-Flammable		Flammable
Ignition Temperature		530° C		435° C
Moisture Content		< 0.055		
pH at Room Temp. in Distilled Water		Neutral		+ 1%

Standard mesh sizes	
U.S. Sieve	Inches
12/16	0.0661 to 0.0465
16/20	0.0465 to 0.0331
20/30	0.0331 to 0.0234
30/40	0.0234 to 0.0165
40/60	0.0165 to 0.0098
60/100	0.0098 à 0.0059

Product #		
T2 Urea	T3 Melamine	T5 Acrylic
635305		
635306		635054
635310		635313
635307		
635052		
635061		

PACKAGING



Fiber drum = 250 lb