



Plastic Media

BENEFITS OF PLASTIC MEDIA:

- Approved to US Military Specification P85891A and Rolls-Royce CSS 227 (details of this materials is available on request)
- Low breakdown rate
- Low dust
- Each production batch is tested for surface hardness to ensure that its cutting performance meets tolerance standard
- It can be used in wet and dry airblast equipment at pressures of 15-40 psi (1-3bar)

OPTA MINERALS FOR ALL YOUR BLASTING ABRASIVE NEEDS:

- Aluminum Oxide
- Blackblast - Coal Slag
- Corn Cobs
- Crushed Glass
- Iron Grit
- Ebonygrit Copper Slag
- Glass Beads
- Garnet
- Stainless Steel Shot & Grit
- Super Steel Shot & Grit
- Ultrablast - Nickel Slag
- Plastic Media
- Powerblast LS - Staurolite
- Walnut Shells
- Blast Cleaning Equipment

Information Bulletin

Cleaning with Plastic Media is a fast, Environmentally acceptable and cost effective alternative to traditional chemical and hand stripping.

Unlike chemical strippers, plastic media is biodegradable, non-toxic and non-polluting and the process is now accepted as the optimum method of surface preparation for a wide variety of materials and components.

Plastic Media is produced from rejected and recycled mouldings. The mouldings are crushed, ground and graded in carefully controlled conditions to produce a blast media which is ideal for cleaning or stripping away paint, dirt and grease, without damaging the substrate.

The following products are available:

Type II UREA Media

Coarse Grade 3.5 MOH (54-62 Barcol)

More aggressive than Type V, this media is suitable for general surface preparation work such as mould cleaning, removing carbon deposits from engines, paint and coating removals, without distortion or damage to relevant substrates.

Type III Melamine Media

Medium Grade 4 MOH (64-72 Barcol)

Our most aggressive grade, and such, perfect in electronic applications, for printed circuit board cleaning, and in industrial applications for deflashing, deburring and dejunking.

Type V Acrylic Media

Fine Grade 3.2-3.5 MOH (46-51 Barcol)

Ideal for dry stripping delicate or thin sheet composites and exotic materials without damage or distortion. Used extensively in the aerospace industry for paint removal on fuselages and cleaning structural components prior to inspection.

Poly A Polyamide Media

1mm 20-30 Barcol

This media is available in any colour and other sizes. Ideal for deflashing thermoset plastic parts and also deburring machined diecast components.

Poly C Polycarbonate Media 1 mm

A polycarbonate media available in any colour and other sizes. A higher density media than nylon, this media is ideal for deflashing and deburring. Also recommended for cryogenic shot blast deflashing of rubber.

Packaging:

- 50lb box, 50lb bag
- Super Sacs

OPTA MINERALS has production and warehouse facilities in the following locations:

Waterdown, ON; Lachine, QC;
St-Bruno-de-Guigues, QC; Brantford, ON;
St-Germain-de-Grantham, QC; Norfolk, VA;
New Orleans, LA; Los Angeles, CA;
Hardeeville, SC; Attica, NY; Baltimore, MD;
Keeseville, NY; Walkerton, IN; Milan, MI;
Richfield, OH.

US-Standard Screen Size	Hole Width	12/20 Max %		20/30 Max %		20/40 Max %		30/40 Max %		40/60 Max %	
		Retain	Pass	Retain	Pass	Retain	Pass	Retain	Pass	Retain	Pass
10	2000	0.1	-	-	-	-	-	-	-	-	-
12	1700	5	-	-	-	-	-	-	-	-	-
16	1180	-	-	0.1	-	0.1	-	-	-	-	-
20	850	-	15	10-15	-	-	-	-	-	-	-
25	710	-	-	-	-	-	-	0.1	-	-	-
30	600	-	5	-	15	-	60	10-15	-	-	-
35	500	-	-	-	-	-	-	-	-	0.1	-
40	425	-	-	-	5	-	15	-	15	4.5	-
45	355	-	-	-	-	-	-	-	-	-	55
60	250	-	-	-	-	-	5	-	5	-	15
80	180	-	-	-	-	-	-	-	-	-	-
100	150	-	1	-	1	-	1	-	1	-	5