

DURAMEDIA[®] PLASTIC

WASHINGTON MILLS
CERAMICS CORPORATION

ANOTHER COMPETITIVE EDGE FROM WASHINGTON MILLS

PLASTIC



DURAMEDIA® PLASTIC

One More Answer In A Proud Legacy

Washington Mills has been developing and steadily improving new products to meet customers' evolving needs since 1868. Our commitment to quality, reliability and consistency is a proud legacy of uncompromising standards.

Duramedia® Plastic –
A premium, polyester resin vibratory media with clear performance advantages – the result of unique bonding systems. Providing the ultimate in resiliency!

Duramedia® Plastic is one more answer to your mass finishing requirements: A prime example of why we remain the industry leader in the supplying of media for the mass finishing industry.

Formulated To Meet Specific Needs

Duramedia® Plastic is available in high performance, high density and low density formulations – to meet the needs of specific applications and a variety of finishes. All formulations ensure extended life, consistency of performance and reduced effluent - conforming to environmental and ecological standards.

HIGH PERFORMANCE MEDIA

The following high performance Duramedia® Plastic medias have been formulated for use in specific applications involving ferrous metals. These medias will provide a dramatic improvement in surface finishes with the impact resistance of a plastic body, which significantly decreases fracturing and impingement.

COMPOSITION	LBS./ CU. FT.	COLOR	CHARACTERISTICS / APPLICATIONS
DPHP 220FC	75	WHITE	Fast cutting, produces a clean bright matte finish. Use for deburring and surface metal removal on all metals.
DPHP 230FC	77	BROWN	Aggressively fast cut, for increased production while reducing cycle time. Ideal for removing machine lines and forming radius on hard metals.
DPHP 250FC	78	DK. BLUE	Most aggressive cutting media. Deburring and surface removal on all ferrous metals. Suited for applications where parts are to be welded or braised.
DPHP 310MC	60	BLACK	Non aggressive media, very minimal cut. Produces a matte finish with virtually no stock removal. Ideal for use in chemical accelerants and as a driver for loose abrasives.
DPHP 320MC	60	DK. BROWN	A mild cutting media which produces a very low micro-inch finish. Use on ferrous metals requiring extremely low micro-inch finishes where plating is not required.
DPHP 350MC	60	GRAY	Mild cutting action which produces an extremely low micro-inch finish. Use primarily on ferrous metals which require an extremely fine finish and will be plated, welded or braised.

Note: The product density information for High Performance, Duramedia® Plastic media is approximate and is to be used as a guideline in determining the estimated quantity of material necessary for individual equipment applications. The lbs./cubic foot for the media indicated above will vary slightly based upon the size and shape of the media selected.

HIGH DENSITY MEDIA

These Duramedia® Plastic medias are designed for superior cut and stock removal on both ferrous and non-ferrous metals. In most instances these high density medias will reduce cycle times and provide vastly improved finishes in applications ranging from deburring of hard metals to fine finishes on intricate parts.

COMPOSITION	LBS./ CU. FT.	COLOR	CHARACTERISTICS / APPLICATIONS
DPHD 110	80	YELLOW	A mild cutting media which produces a very bright preplate finish. Use on ferrous and non-ferrous metals which require plating or where burnishing is necessary.
DPHD 120	85	DK. YELLOW	A media which provides a more aggressive cut while producing a bright smooth low micro-inch finish. Use to provide a preplate finish on all ferrous and non-ferrous metals.
DPHD 130	88	LT. BLUE	A fast cutting media which provides a low matte finish. Use for deburring and surface metal removal on ferrous and non-ferrous metals. Reduces cycle times and gives a preplate finish.

DPHD 140	90	LT. GRAY	An extremely fast cutting media which provides a smooth matte finish. Use when removing surface imperfections or for forming a radius on parts. Blends sharp edges and parting lines.
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LOW DENSITY MEDIA

Low density Duramedia® Plastic media has been formulated for a wide range of applications. These general purpose medias can be used for deburring, flash removal, burnishing and preplate finishing.

COMPOSITION	LBS./ CU. FT.	COLOR	CHARACTERISTICS / APPLICATIONS
DPLD 10	68	BLUE	Very mild cutting action producing a low micro-inch preplate finish. Use for surface preparation of parts which require buffing, burnishing or plating. Provides a smooth, clean and reflective finish.
DPLD 20	75	GREEN	A media which gives a medium cut while producing a low micro-inch finish. Use for surface preparation on parts requiring plating, buffing or burnishing. Will usually eliminate a two (2) step process.
DPLD 30	75	MAROON	A faster cutting media which provides a very bright low micro-inch finish. Eliminates two step operations where surface removal, buffing or plating of parts is required.

DPLD 40	68	TAN	A fast cutting media which provides a smooth matte finish. Removes burrs, flash, die marks and blends parting lines easily. A general purpose media for all ferrous and non-ferrous metals.
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Note: The product density information provided for both High Density and Low Density Duramedia® Plastic medias is approximate and is to be used as a guideline in determining the estimated quantity of material necessary for individual equipment application. The lbs./cubic foot for the media indicated above will vary slightly based upon the size and shape of the media selected.

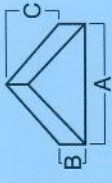


DURAMEDIA[®] PLASTIC

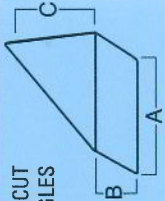
DURAMEDIA[®] PLASTIC – AVAILABLE SHAPES AND SIZES

"A" Dimension	"B" Dimension	"C" Dimension
3/8"	1/4"	3/8"
7/16"	5/8"	3/8"
3/4"	1/2"	1/2"
1"	5/8"	7/16"
1 1/16"	1/2"	1/2"
1 1/4"	5/8"	5/8"
2"	1"	1"
2 1/4"	1 1/2"	2 3/8"

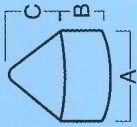
TRIANGLES (T)



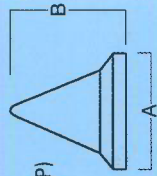
ANGLE CUT TRIANGLES (ACT)



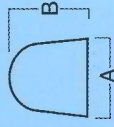
CYLINDRICAL CONE (CNC)



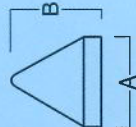
PILGRIM CONE (CNP)



ROUND TOP CONES (CNR)

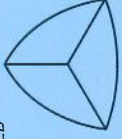


TAPER TOP CONES (CNT)

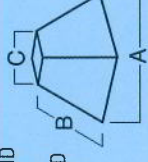


"A" Dimension	"B" Dimension	"C" Dimension
7/8"	7/8"	

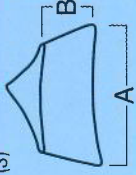
THREE SIDED PYRAMID (TSP)



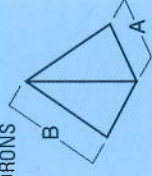
DIAMOND SHAPED PYRAMID (DSP)



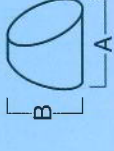
STARS (S)



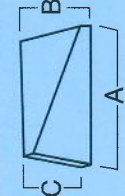
TETRAHEDRONS (TET)



TRICYL (CYL)



WEDGE (W)



1/4"	1/2"	1/32"
3/8"	5/8"	1/8"
1 9/16"	1"	15/16"
1 7/8"	1 7/16"	1"

1 1/4"	1/2"	
1 5/8"	5/8"	
1 7/8"	7/8"	

3/4"	3/4"	
1 1/8"	1"	
1 3/8"	1 1/4"	

7/8"	13/16"	
1 7/8"	1 3/4"	

1"	3/4"	5/8"
2"	1"	7/8"
2 1/4"	1 3/16"	1 1/8"
3"	1 5/8"	1 5/8"

Notes: Additional formulations and sizes can be made available, upon request, to meet specific individual requirements. All inquiries should be directed to your Regional Sales Manager. DURAMEDIA[®] Plastic media is also available in SYNTHETIC (Urea). Many of the shapes and sizes listed above are also available in SYNTHETIC. All inquiries should be directed to your Regional Sales Manager.

Distributed by:

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