

# PMG® Ultra™

Piedmont Marine Grade® Ultra™ is an impact modified acrylic that provides unmatched performance and ease of fabricating parts. The formulation of PMG® Ultra™ makes it a hardware friendly acrylic, reducing costs due to damaged or cracked parts simply from handling, overtightening fasteners while installing hardware, or just maintaining in a rigorous marine environment.

## Product Line

- Aqua-Plas® I Ultra
- Aqua-Plas® II
- Aqua-Plas® III Ultra LG
- Aqua-Plas® IV
- Aqua-Plas® V
- Aqua-Plas® Flex
- Aqua-Steel®
- AquaGlas®
- StarBoard® Products
- PMG® Plus
- PMG® Acrylic Mirror
- PMG® Solar Block™
- PMG® Heat Reflective™
- Endurabond™
- Makrolon® AR
- O'Sea™
- Regalite™



### Contact us today!

800.277.7898 Toll Free | 704.597.8200  
5010 West W.T. Harris Blvd. | Charlotte, NC 28269



where solutions take shape  
[www.piedmontplastics.com](http://www.piedmontplastics.com)

## Technical Properties

Property	Units	Test Method	Value Range
Specific Gravity	Gr./cm <sup>3</sup>	ASTM D792	1.18
Tensile Strength	psi	ASTM D638	6,100
Elongation of Rupture	%	ASTM D638	2.7
Modulus of Elasticity	psi	ASTM D798	340,000
Flexural Strength	psi	ASTM D798	11,000 - 13,000
Izod Impact Strength	ft.lbs./in.	ASTM D256	1.3
Hardness	Rockwell Scale M	ASTM D785	74
Gardner Impact	lbs./in.	ASTM D3029	65
Forming Temperature	°F	ASTM D648	284 - 356
Deflection Temperature (Under load 264 psi)	°F	ASTM D648	196
Maximum Recommended Continuous Service Temp.	°F	ASTM D1525	176

## Product Availability

### Thickness

1/8 in  
1 in

### Sizes

48" x 96"  
60" x 96"

Piedmont Plastics® has your marine solutions. Complete all of your projects from block out panels to bulkheads with our line of substrates and accessories. Piedmont carries a comprehensive assortment of the best brands and breadth of products to service your plastic needs. With over 40 years of industry experience, Piedmont is a leading supplier of plastic sheet, rod, tube, and film throughout North America.



### Contact us today!

800.277.7898 Toll Free | 704.597.8200  
5010 West W.T. Harris Blvd. | Charlotte, NC 28269

where solutions take shape  
[www.piedmontplastics.com](http://www.piedmontplastics.com)