



PIEDMONT MARINE GRADE

# SOLAR BLOCK™

## MARINE SOLUTIONS

**Piedmont Plastics® is your primary source for 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 45 years of marine industry experience, Piedmont is a leading supplier of plastic sheet, rod, tube, and film throughout North America.

## PMG® SOLAR BLOCK™

**Piedmont Marine Grade® SB™ (Solar Block) is a cast acrylic sheet with approved protection against UV radiation.** This product helps prevent degradation of materials by blocking harmful UV rays.

## FEATURES & BENEFITS

- UV blocking (400 nm) makes PMG® SB™ 62.5% better than standard acrylic glazing.
- UV blocking (below 400 nm) blocks 100% of UV-A range radiation.



## TESTED & APPROVED

PMG® SB™ has been tested and approved by the \*Sika® Corporation for bonding and sealing Organic Windows Systems in the marine industry.

*\*Sika® is a registered trademark of the Sika Corporation.*

### CONTACT US

800.277.7898 Toll Free | 704.597.8200  
5010 W. W.T. Harris Blvd | Charlotte, NC 28269  
[www.piedmontplastics.com](http://www.piedmontplastics.com)



**Piedmont Plastics®**



# Technical Properties



PIEDMONT MARINE GRADE

**SOLAR BLOCK™**

CHARACTERISTICS	UNIT	TEST METHOD	VALUE
Specific gravity	g/cm <sup>3</sup>	ASTM D792	1.18
Tensile strength	psi	ASTM D638	9,600
Modulus of elasticity	psi	ASTM D798	425,000
UV light transmission	nm(%)	ASTM 1003	Less than 50%
Light transmission	%	ASTM 1003	Less than 1%
0.1" - 0.197"	%	ASTM 1003	70
0.22" - 0.472"	psi	ASTM D798	15,000 - 16,000
Flexural strength	psi	ASTM D798	15,000 - 16,000
Forming temperature	°F		140 - 180

## Color 2064 Light Properties

PROPERTY	UNITS	THICKNESS	
		0.354"	0.472"
UV light transmission	nm(%)	Less than 1.5%	Less than 1.5%
Light transmission	%	8.8%	11.1%

## PRODUCT AVAILABILITY\*

### COLORS

- 2370
- 2540
- 2404
- 2538
- 2094
- Clear

### THICKNESS

- 0.354"
- 0.472"

### SHEET SIZES

- 48x96"
- 51"x100"
- 60"x96"
- 72"x96"

*\*Custom Colors available upon request.  
Minimum order may be required.*



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