



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



Technical Properties

PMG

PIEDMONT MARINE GRADE

SOLAR BLOCK™

CHARACTERISTICS	UNIT	TEST METHOD	VALUE
Specific gravity	g/cm ³	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	THICKNESS	SHEET SIZES
• 2370	• 0.354"	• 48x96"
• 2540	• 0.472"	• 51"x100"
• 2404		• 60"x96"
• 2538		• 72"x96"
• 2094		
• Clear		

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



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