



PIEDMONT MARINE GRADE

AQUAPLAS®

MARINE SOLUTIONS

Piedmont Plastics® is your primary source for marine solutions. Complete all of your projects from block out panels to bulkheads with our industry-leading 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 industry experience, Piedmont is a leading supplier of plastic sheet, rod, tube, and film throughout North America.

AQUA-PLAS® FLEX

Piedmont Marine Grade® Aqua-Plas® Flex is a unique blend of industrial grade LDPE, manufactured specifically to meet the needs of the marine industry in various upholstery applications. Aqua-Plas® Flex is moisture resistant and features a lower density polyethylene that makes it easier to manually wrap around corners without heating.

PMG® PRODUCT LINE

- Aqua-Plas® I Ultra
- Aqua-Plas® II
- Aqua-Plas® III Ultra LG
- Aqua-Plas® IV
- Aqua-Plas® V
- Aqua-Steel®
- Endurabond™
- StarBoard® Products
- PMG® Ultra™
- PMG® Plus
- PMG® Acrylic Mirror
- PMG® Solar Block
- PMG® HR™ Heat Reflective
- AquaGlas®
- Makrolon® M5, AR, VR
- O'Sea™
- Regalite™



CONTACT US

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Technical Properties



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PROPERTY	NOMINAL VALUE	UNITS	TEST METHOD
Density	0.92	g/cm ³	D1505
Melt Index	0.7	g/10 min	D1238
Flexural Modulus, 1% Secant	40,000	psi	D790
Notched Low Temperature Brittleness	-42	°C	D746
Tensile Strength @ Yield	1550	psi	D638
Tensile Strength @ Break	2170	psi	D638
Elongation @ Yield	15	%	D638
Elongation @ Break	750	%	D638
Heat Deflection @ 88 psi	48	°C	D648
Hardness, Shore D	51		D2240
Environmental Stress Crack Resistance, F	>1000	hrs	D2561
Vicat Softening Point	88	°C	D1525

Note: While the information herein is believed to be reliable and correct, nothing herein is intended and should not be construed as a representation or warranty, express or implied, as to results obtained or to be obtained by others who may make use of this information or with respect to the absence, existence or validity of patent rights, if any, of others involving any composition or process herein referred to; or an inducement or recommendation for the violation of any such patent rights, and responsibility and liability therefore is disclaimed.



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