



Endurabond™

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.

FEATURES & BENEFITS

Endurabond™ is an environmentally friendly, recycled, foam PVC polymer sheet engineered to machine easily.

No prep, aggressive texture provides outstanding bonding characteristics. It has excellent screw retention which makes it ideal for through bolting or self taping screws in the attachment of high-stress load fittings and hardware.

PRODUCT AVAILABILITY

Thickness

- 6.35 mm (1/4 in)
- 10 mm (3/8 in)
- 12 mm (1/2 in)
- 19 mm (3/4 in)
- 21 mm

Sizes

- 48" x 96"



CONTACT US

800.277.7898 Toll Free | 704.597.8200
5010 W. W.T. Harris Blvd | Charlotte, NC 28269
www.piedmontplastics.com



Technical Properties

| PROPERTY | UNITS | VALUE RANGE | ASTM METHOD |
|---------------------------------|----------|-------------|-------------|
| PHYSICAL | | | |
| Density | g/cm3 | 0.9 | D792 |
| Water Absorption | % | 0.16 - 0.30 | D570 |
| Hardness | Shore D | 81 | D2240 |
| MECHANICAL | | | |
| Tensile Strength | psi | 3,000 | D638 |
| Modulus of Elasticity | psi | 220,000 | D638 |
| Tensile Strength @ Yield | psi | 2,225 | D638 |
| Screw Retention | psi | 507 - 1,050 | D1761 |
| Adhesion | psi | 227 - 649 | D3163 |
| Flexural Strength | psi | 5,560 | D790 |
| Flexural Modulus | psi | 264,000 | D790 |
| THERMAL | | | |
| Heat Deflection Temp (264) psi | ° F | 165 | D648 |
| Coefficient of Linear Expansion | in/in/°F | 3.2 x 10-5 | D696 |
| FLAMMABILITY | | | |
| Vertical Burn Test | - | V-0 | UL-95 |
| Automotive PVC Burn Rate | - | Passed | FMVSS-302 |
| ELECTRICAL | | | |
| Dielectric Strength | kV/cm | 350 | D149 |

CONTACT US

800.277.7898 Toll Free | 704.597.8200
5010 W. W.T. Harris Blvd | Charlotte, NC 28269
www.piedmontplastics.com