

Prime Marine-X

Foamed ABS for Marine Applications

Technical Data Sheet

Typical Values

| Property | ASTM | Units | .236" | .472" | .708" |
|-------------------------------|-------|--------|---------|-------------------|-------------------|
| Specific Gravity | D792 | | 1.03 | 1.03 | 1.02 |
| Tensile Strength | D638 | psi | 3,320 | 4,690 | 4,590 |
| Tensile Modulus | D638 | psi | 296,000 | 278,600 | - |
| Flexural Modulus ¹ | D790 | psi | 213,000 | 146,000 | 82,700 |
| Flexural Strength | D790 | lbf/in | 699 | 3,770 | 7,220 |
| Screw Retention, #10 Screw | D1761 | lbf | 329 | 945 | >975 ² |
| Screw Retention, .5" Lag | D1761 | lbf | 460 | >975 ² | >975 ² |

*1 -Flexual Modulus testing was conducted using a consistent setup featuring a Span of 2.0" and a Crosshead Speed of 0.05"/Minute.

*2 -Screw Retention results reports as '>' either exceeded the capacity of our load cell or resulted in a failure of the screw itself.

Note: These typical results are based on test procedures which are believed to be reliable. Due to variable conditions or methods of processing, NO GUARANTEES OR WARRANTIES ARE EXPRESSED OR IMPLIED INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE, nor any recommendations made to infringe on any patents.