

# 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 <sup>1</sup>	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 <sup>2</sup>
Screw Retention, .5" Lag	D1761	lbf	460	>975 <sup>2</sup>	>975 <sup>2</sup>

\*1 -Flexural 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.

MAV - 6/1/2020