

SEABOARD® ENDURABOND®

TYPICAL PHYSICAL PROPERTIES	UNITS OF MEASURE	VALUE	ASTM METHOD
Physical			
Density	g/cm ³	0.90	D 792
Water Absorption	%	0.16 - 0.30	D 570
Hardness	Shore D	81	D 2240
Mechanical			
Tensile Strength	psi	3,000	D 638
Modulus of Elasticity	psi	220,000	D 638
Tensile Strength @ Yield	psi	2,225	D 638
Screw Retention	psi	507 - 1,050	D 1761
Adhesion	psi	227 - 649	D 3163
Flexural Strength	psi	5,560	D 790
Flexural Modulus	psi	264,000	D 790
Thermal			
Heat Deflection Temp (264 psi)	°F	165	D 648
Coefficient of Linear Expansion	in/in/°F	3.2 x 10 ⁻⁵	D 696
Flammability			
Vertical Burn Test	-	V-0	UL-95
Automotive PVC Burn Rate	-	Passed	FMVSS-302
Electrical			
Dielectric Strength	kV/cm	350	D 149

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The 'Typical' properties of our plastic sheet cannot be automatically used when engineering finished components, and the fabricator or end user is responsible for insuring the suitability of our products for their specific application or end use!