

Millenium V™

Polycarbonate ABS Sheet

Product Description

Millennium V™ is a high-performance Polycarbonate ABS sheet product which exhibits a reduced coefficient of linear thermal expansion. For those thermoforming engineers looking for a product with enhanced dimensional stability as well as an excellent balance of physical and mechanical properties, Millennium V™ represents a great alternative to painted metal or fiberglass.

Technical Properties

Property	Test Method	Value
Specific Gravity	ASTM D-792	1.22
Tensile Modulus	ASTM D-638	440,000 psi
Tensile Strength	ASTM D-638	8,500 psi
Izod Impact (Notched) 72°F	ASTM D-256	8.0 ft-lbs/in
Izod Impact (Notched) -22°F	ASTM D-256	1.6 ft-lbs/in
Heat Deflection Temperature (@ 264 psi)	ASTM D-648	248 °F
Flexural Strength	ASTM D-790	13,000
Flexural Modulus	ASTM D-790	430,000
Rockwell Hardness (R Scale)	ASTM D-785	115
Flammability	MVSS 302	Passes @ 0.060"
Coefficient of Linear Thermal Expansion	ASTM D-696	3.7x10 ⁻⁵ in/in/°F

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail info@spartech.com or visit our website at www.spartech.com

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