FLAMETEC Thermax XL PVC Sheet

Typical Properties

Physical	TEST METHOD	UNITS	VYCOM FLAMETEC Thermax XL PVC
Cell Classification	ASTM D1784		12354
Density	ASTM D792	g/cm^3	1.53
Shore Durometer	ASTM D2240	D	85
Water Absorption	ASTM D570	%	0.10

Mechanical	TEST METHOD	UNITS	VYCOM FLAMETEC Thermax XL PVC
Flexural Strength	ASTM D790	psi	12,000
Izod Impact	ASTM D256	ft-lb/in	1.2
Flexural Modulus	ASTM D790	psi	445,000
Tensile Modulus	ATSM D638	psi	436,800
Tensile Strength	ATSM D638	psi	6,600

Thermal	TEST METHOD	UNITS	VYCOM FLAMETEC Thermax XL PVC
Vicat Softening Point	ASTM D1525	°F	171
Coefficient of Linear Expansion	ASTM D696	in/in/°F	3.4×10^{-5}
FM Global (Factory Mutual)	FM 4910		Listed
Flame Spread Index	ASTM E84		<25
Heat Deflection Temperature @ 264 psi	ASTM D648	°F	159
Heat Deflection Temperature @ 66 psi	ASTM D648	°F	166
Vertical Burn Test			V-0; 5VA

Questions? Please contact Plaskolite Customer Support 800-848-9124

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