

FLAMETEC™ THERMAX™ PVC (FM 4910 LISTED PVC MATERIAL)

TYPICAL PHYSICAL PROPERTIES	UNITS OF MEASURE	VALUE	ASTM METHOD
Physical			
Density	g/cm ³	1.42	D 792
Water Absorption	%	0.15 - 0.30	D 570
Hardness	Shore D	89	D 2240
Cell Class	-	13563	D 1784
Mechanical			
Tensile Strength	psi	8,525	D 638
Tensile Modulus	psi	473,000	D 638
Notched Izod Impact	ft-lb/in	1.82	D 256
Flexural Strength	psi	12,800	D 790
Flexural Modulus	psi	481,000	D 790
Thermal			
Heat Deflection Temp (66psi)	°F	160	D 648
Heat Deflection Temp (264psi)	°F	144	D 648
Vicat Softening Point	°F	-	D 1525
Coefficient of Linear Expansion	in/in/°F	3.2	D 696
Flammability			
FM Global (Factory Mutual)	FM-4910	Listed	-
Vertical Burn Test	UL-94	V-0	-
Flame Spread Index	E-84	20	-

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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!