

FLAMETEC™ KYTEC® PVDF

TYPICAL PHYSICAL PROPERTIES*	UNITS OF MEASURE	VALUE	ASTM METHOD
Physical			
Density	g/cm ³	1.75-1.8	D 792
Hardness	Shore D	73-80	D 2240
Absorption	%	0.04	D 5709
Mechanical			
Tensile Strength @ Yield	psi	7,250 - 8,700	D 638
Tensile Modulus	psi	246,500 - 362,600	D 638
Elongation @ Yield	%	5 - 10	D 638
Coefficient of Thermal Linear Expansion	in/in/°F	7.8 x 10 ⁻⁵	D 696
Coefficient of Friction	-	0.15 - 0.35 (Dynamic) 0.2 - 0.4 (Static)	D 1894
Thermal			
Heat Deflection Temp (66 psi)**	°F	293	D 648
Heat Deflection Temp (264 psi)**	°F	230	D 648
Vicat Softening Point	°F	275 - 293	D 1525
Flammability			
Factory Mutual	FM-4910	Listed	-
Vertical Burn Test	UL-94	V-0	-

*: Typical Physical Properties are based on Solef® 6010 resin

**: Heat Deflection Temperature is based on compression molded materials

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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!

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