

## FLAMETEC™ KYTEC® PVDF

TYPICAL PHYSICAL PROPERTIES*	UNITS OF MEASURE	VALUE	ASTM METHOD
<b>Physical</b>			
Density	g/cm <sup>3</sup>	1.75-1.8	D 792
Hardness	Shore D	73-80	D 2240
Absorption	%	0.04	D 5709
<b>Mechanical</b>			
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 <sup>-5</sup>	D 696
Coefficient of Friction	-	0.15 - 0.35 (Dynamic) 0.2 - 0.4 (Static)	D 1894
<b>Thermal</b>			
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
<b>Flammability</b>			
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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