



Polystone® PVDF Physical Properties

Physical Properties		PVDF Test Results			
Property	Units	ASTM Test			Value
Density	gm/cm ³	D792			1.78
Tensile Strength at Yield	psi	D638			7500
Continuous Operating Temperature	°F	-			230
Flexural Modulus	psi	D790			290,000
Izod Impact-Notched @ 73°	ft-lbs/inch	D256			3.6
Heat Deflection Temperature 73°	°F@66 psi	D648			260
Mean Coefficient of Linear Thermal Expansion	in/in/°F	D696			5-7 x 10 ⁻⁵
Hardness	Shore D	D785			82
Water Absorption	%	D570			<0.1

Values shown are averages and should not be used as contractual property values. Specific property value requirements should be specified in the purchase agreement.

**Call Professional Plastics at (800) 966-7767 or
E-Mail sales@proplas.com
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