



Polystone® PVDF Physical properties

Physical Properties			PVDF			
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.

East

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