

# PTFE

## Specification Sheet

### Physical Properties

PROPERTY	UNITS	ASTM METHOD	TYPICAL VALUES <sup>1</sup>
Specific Gravity	g/cc	D-792	2.14—2.20
Hardness	Shore D	D-2240	52—65
Tensile Strength	Psi	D-638	2800 min
Elongation	%	D-1708	270 min
		D-638	
Deformation Under Load (73° F., 2000 psi, 24 hrs.)	%	D-1709	15—16
		D-621	
Coefficient Of Linear Thermal Expansion (78° F.—400° F.)	In./in./°F	D-696	4—9 X 10 <sup>-5</sup>
Thermal Conductivity	BTU/hr./FT. <sup>2</sup> /F.in.	C-177	1.7
Volume Resistivity	Ohm—cm	D-257	>10 <sup>15</sup>
Dielectric Strength	Volts/mil	D-149a	300 min

<sup>1</sup>The measured values expressed in ranges reflect measurements made both with and across the molding direction of the product.



### Custom Fabricating & Supplies

5500 Oakwood Park Drive ~ Franklin, WI 53132

P: 414.421.2600 ~ T/F: 800.556.7188 ~ F: 414.421.2700

[www.customfabricate.com](http://www.customfabricate.com)

