



## Typical Physical Properties

Property	Units	ASTM Method	Value
<i>Specific Gravity</i>		D-792-66	1.82
<i>Tensile Strength</i>	psi	D-1708-79	1,600
<i>Elongation</i>	%	D-1708-79	175
<i>Deformation</i>			
(a) 78°F, 2000 psi, 24 hours	%	D-621-64	
Total Deformation			8.25
Permanent Deformation			5.10
(b) 500°F, 600 psi, 24 hours	%	D-621-64	
Total Deformation			23.7
Permanent Deformation			12.1
<i>Flexural Strength</i>	psi	D-790-80	
(a) 1% strain			1,300
(b) 3% strain			2,175
<i>Flexural Modulus</i>	psi x 10 <sup>5</sup>	D-790-80	1.31
<i>Compressive Strength</i>	psi	D-695-80	
(a) 0.2% offset			1,250
(b) 5% strain			1,100
<i>Compressive Modulus</i>	psi x 10 <sup>4</sup>	D-695-80	9.8
<i>Hardness</i>	Shore D		57
<i>Coefficient of Thermal Expansion</i>	in/in/ °F x 10 <sup>-5</sup>	D-696-79	
(a) 78°F to 200°F			5.40
(b) 78°F to 300°F			5.90
(c) 78°F to 400°F			6.40
(d) 78°F to 500°F			7.20
<i>Limiting PV</i>			
(a) 10 fpm			12,000
(b) 100 fpm			13,000
(c) 1000 fpm			13,000
<i>Wear Factor</i>	K x 10 <sup>-10</sup>		2
<i>Coefficient of Friction</i>			
(a) Static @ 33.33 psi			0.08
(b) Dynamic @ 33.33 psi, 150 fpm			0.103