



Avalon[®] 01 Sealing Solutions

Compound No./Material Name: Avalon[®] 01	Material Description: PTFE, Virgin	Color: White
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Description	Typical
Physical Properties (ASTM Standard)	
Specific Gravity (D1457)	2.18
Tensile Strength, psi (D1457)	5000
Elongation, % (D1457)	350
Permanent Deformation Under 2000 psi @ 78°F, % (D621)	7
Shear Strength @ 80°F, psi (D732)	3700
Shear Strength @ 100°F, psi (D732)	3000
Shear Strength @ 150°F, psi (D732)	2400
Shear Strength @ 200°F, psi (D732)	2150
Shear Strength @ 300°F, psi (D732)	2100
Shear Strength @ 400°F, psi (D732)	1900
Coefficient of Static Friction Under 33.3 psi	0.05
Coefficient of Dynamic Friction Under 33.3 psi @ 150 fpm	0.08
Wear Factor, in. ³ -min/lb-ft-hr	2500 x 10E-10

Contact Us

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