



# TYPICAL PROPERTIES

Reference Document No. GTS-0049S

<b>Material Name:</b> <b>AVALON® 01</b>	<b>Material Description:</b> <b>PTFE, Virgin</b>
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**Physical Properties (ASTM Test Method)**

<b>DESCRIPTION</b>	<b>TYPICAL</b>
Color	White
Specific Gravity (D1457)	2.18
Tensile Strength, p.s.i. (D1457)	5000
Elongation, % (D1457)	350
Permanent Deformation Under 2000 p.s.i. @ 78°F, % (D621)	7
Shear Strength @ 80°F, p.s.i. (D732)	3700
Shear Strength @ 100°F, p.s.i. (D732)	3000
Shear Strength @ 150°F, p.s.i. (D732)	2400
Shear Strength @ 200°F, p.s.i. (D732)	2150
Shear Strength @ 300°F, p.s.i. (D732)	2100
Shear Strength @ 400°F, p.s.i. (D732)	1900
Coefficient of Static Friction Under 33.3 p.s.i.	0.05
Coefficient of Dynamic Friction Under 33.3 p.s.i. @ 150 f.p.m.	0.08
Wear Factor, Cubic Inch-min./lb.-ft.-hr.	2500 x 10E-10

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**Contact Us**

Greene, Tweed & Co.    Tel: +1.215.256.9521  
 Kulpsville, PA, USA    Fax: +1.215.256.0189  
    www.gtweed.com

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