



TYPICAL PROPERTIES

Reference Document No. GTS-0011S

Material Name: **AVALON® 07** Material Description: **PTFE, Pigmented and Molybdenum Filled**

Physical Properties (ASTM Test Method)

DESCRIPTION	TYPICAL
Color	Bluish Black
Specific Gravity (D1457)	2.22
Tensile Strength, p.s.i. (D1457)	4000
Elongation, % (D1457)	320
Permanent Deformation Under 2000 p.s.i. @ 78°F, % (D621)	15
Shear Strength @ 80°F, p.s.i. (D732)	3000
Shear Strength @ 100°F, p.s.i. (D732)	2700
Shear Strength @ 150°F, p.s.i. (D732)	2150
Shear Strength @ 200°F, p.s.i. (D732)	2000
Shear Strength @ 300°F, p.s.i. (D732)	1650
Coefficient of Static Friction Under 33.3 p.s.i.	0.04
Coefficient of Dynamic Friction Under 33.3 p.s.i. @ 150 f.p.m.	0.07
Wear Factor, cubic inch-min./lb.-ft.-hr.	150 x 10E-10

t y p i c a l p r o p e r t i e s \ a v a l o n ® 0 7

■ Contact Us

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

Statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product and shall not constitute a guarantee of performance nor a modification or alteration of our standard warranty which shall be applicable to such products.

