



TYPICAL PROPERTIES

Reference Document No. GTS-0011S

Compound No./Material Name: AVALON® 07	Material Description: PTFE, Pigmented and Molybdenum Filled
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Physical Properties (ASTM Test Method)

DESCRIPTION	TYPICAL
Color	Bluish Black
Specific Gravity (D1457)	2.22
Tensile Strength @ Break (D1457)	4000
Elongation, % (D1457)	320
Deformation Under 2000 psi @ 78°F, % (D1457)	15
Shear Strength @ 80°F [27°C], psi (D732)	3000
Shear Strength @ 100°F [38°C], psi (D732)	2700
Shear Strength @ 150°F [66°C], psi (D732)	2150
Shear Strength @ 200°F [93°C], psi (D732)	2000
Shear Strength @ 300°F [149°C], psi (D732)	1650
Coefficient of Static Friction Under 33.3 psi (D3702)	0.04
Coefficient of Dynamic Friction Under 33.3 psi @ 150 fpm (D3702)	0.07
Wear Factor, cubic inch-min./lb. -ft. -hr. (D3702) 150 x 10E-10	

Note

Reference GT Stock/Solid Code: 043

typical properties / chemraz® 562

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