



TYPICAL PROPERTIES

Reference Document No. GTS-4187S

Compound No./Material Name: Material Description:
Avalon® 87 PTFE, Glass Filled

DESCRIPTION (ASTM Standards)	TYPICAL
Physical Properties	
Color	White
Specific Gravity (D792)	2.20
Tensile Strength, psi [MPa] (D4745)	3,200 [22.1]
Elongation, % (D4745)	370
Permanent Deformation Under 2,000 psi @ 78°F (26°C), % (D621)	3
Coefficient of Static Friction Under 33.3 psi (0.23 MPa) (D3702)	0.08
Coefficient of Dynamic Friction Under 33.3 psi (0.23 MPa) @ 150 f.p.m. (D3702)	0.10
Wear Factor, Cubic Inch-min./lb.-ft.-hr. (D3702)	8 x 10E ⁻¹⁰

typical properties / avalon® 87

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