

Greene Tweed Avalon® 11 PTFE, Carbon, Graphite Filled

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Carbon Fiber Filled

Material Notes:

Products made from Avalon® thermoplastics are constructed from proprietary high-performance reinforced PTFE material. Greene, Tweeds Avalon thermoplastics, available in grades ranging from virgin to reinforced, exhibit low friction while being chemically inert. Avalon thermoplastics can be custom designed to for each unique application. Information provided by Greene Tweed.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Greene-Tweed-Avalon-11-PTFE-Carbon-Graphite-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.05 g/cc	2.05 g/cc	ASTM D792
Deformation	4.0 %	4.0 %	2000 psi 78°F; ASTM D621

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	14.5 MPa	2100 psi	ASTM D1457
Elongation at Break	180 %	180 %	ASTM D1457
Coefficient of Friction, Dynamic	0.090	0.090	33.3 psi @ 150 fpm
Coefficient of Friction, Static	0.080	0.080	33.3 psi
K (wear) Factor	12.1 x 10 ⁻⁸ mm ³ /N-M	6.00 x 10 ⁻¹⁰ in ³ -min/ft-lb-hr	

Descriptive Properties	Value	Comments
Color	Dark Gray to Black	

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