

## Greene Tweed Avalon<sup>®</sup> 87 PTFE, Glass Filled

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Glass Filled, Molded

### Material Notes:

Products made from Avalon<sup>®</sup> 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-87-PTFE-Glass-Filled.php](http://www.lookpolymers.com/polymer_Greene-Tweed-Avalon-87-PTFE-Glass-Filled.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.25 g/cc	2.25 g/cc	ASTM D792
Deformation	3.0 %	3.0 %	2000 psi 78 <sup>°</sup> F; ASTM D621

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	58	58	
Tensile Strength, Yield	22.1 MPa	3200 psi	ASTM D1457
Elongation at Break	380 %	380 %	ASTM D1457
Coefficient of Friction, Dynamic	0.10	0.10	33.3 psi @ 150 fpm
Coefficient of Friction, Static	0.080	0.080	33.3 psi
K (wear) Factor	16.1 x 10 <sup>-8</sup> mm <sup>3</sup> /N-M	8.00 x 10 <sup>-10</sup> in <sup>3</sup> -min/ft-lb-hr	

Descriptive Properties	Value	Comments
Color	White	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China