

Greene Tweed Xycomp® 1030-02 Carbon/Nylon 12 Composite

Category : Polymer , Thermoplastic , Nylon , Nylon 12

Material Notes:

Greene, Tweeds Xycomp® engineered components offer a wider range of benefits than conventional thermoset resin systems because they rely on thermoplastic resins for their matrix. With specific strength and specific stiffness values over 400 percent that of Titanium and superior chemical compatibility and fire resistance properties, Greene, Tweeds Xycomp composites deliver greater value. Like all Greene, Tweed products, Xycomp components reflect the combination of engineering expertise with customer specifications. Additional benefits offered by Xycomp include improved chemical resistance, increased impact, toughness and ductility, more complex single-mold components, excellent post-molding machinability, recyclability, and infinite shelf life. Information provided by Greene Tweed.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Greene-Tweed-Xycomp-1030-02-CarbonNylon-12-Composite.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.43 g/cc	1.43 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	827 MPa	120000 psi	
Tensile Modulus	64.1 GPa	9300 ksi	
Flexural Strength	607 MPa	88000 psi	
Flexural Modulus	51.7 GPa	7500 ksi	

Descriptive Properties	Value	Comments
Color	Black	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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