

Honeywell Spectra[®] 900 Fiber

Category : Other Engineering Material , Composite Fibers , Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Spectra[®] fiber 900 was the first commercially available extended-chain, high-strength polyethylene fiber and the first in a series of Spectra[®] fibers. Spectra[®] fiber has one of the highest strength to weight ratios of any manmade fiber. Its high tenacity makes it pound-for-pound 10 times stronger than steel, more durable than polyester and gives it a specific strength that is 40 percent greater than aramid fiber. Specific performance is dependent upon denier and filament counts. Spectra[®] is a registered trademark of Honeywell and was formerly a product of Allied Signal.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Honeywell-Spectra-900-Fiber.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	2590 MPa	376000 psi	
Modulus of Elasticity	117 GPa	17000 ksi	

Thermal Properties	Metric	English	Comments
Melting Point	147 °C	297 °F	

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