

Shakespeare ISOray Fluoropolymer UV resistant sewing thread, diameter 0.012"

Category : Polymer , Thermoplastic , Fluoropolymer , PVDF , Polyvinylidene fluoride (PVDF), Molded/Extruded

Material Notes:

Extreme UV resistant, highly transparent, fluoropolymer monofilament industrial sewing thread. Excellent chemical resistance, excellent soil release and low moisture regain. Used for sewing: Awnings, tents, outdoor furniture, boat covers and upholstery, sails, flags and banners, sewing industrial filtration devices. Information provided by Shakespeare Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shakespeare-ISOray-Fluoropolymer-UV-resistant-sewing-thread-diameter-0012.php

Physical Properties	Metric	English	Comments
Fiber Count	1310 dtex	1180 denier	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	658 MPa	95500 psi	10.8 lb. load and 0.012 in. diameter
Elongation at Break	25 - 35 %	25 - 35 %	
Tenacity	0.371 N/tex	4.20 g/denier	10.8 lb. load

Thermal Properties	Metric	English	Comments
Shrinkage	<= 3.0 %	<= 3.0 %	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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