

Shakespeare MX-229 PVDF Monofilament

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

Material Notes:

Outstanding resistance to weathering/UV exposure; outstanding chemical resistance; low surface energy; low COF; low moisture regain; inherent flame resistance. Information provided by Shakespeare Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shakespeare-MX-229-PVDF-Monofilament.php

Physical Properties	Metric	English	Comments
Density	1.78 g/cc	0.0643 lb/in ³	
Fiber Count	2060 dtex	1850 denier	

Mechanical Properties	Metric	English	Comments
Elongation at Break	5.5 %	5.5 %	
Tenacity	0.416 N/tex	4.71 g/denier	

Thermal Properties	Metric	English	Comments
Melting Point	174 Â°C	345 Â°F	
Maximum Service Temperature, Air	150 Â°C	302 Â°F	Continuous Use
Shrinkage	9.13 %	9.13 %	Boiling Water/5 Min.
	16.3 % @Temperature 132 Â°C, Time 601 sec	16.3 % @Temperature 270 Â°F, Time 0.167 hour	Free Shrinkage

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