

Toyobo Diaflora® FS 0550B

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyester, TP , Polyether Ester Elastomer

Material Notes:

Diaflora® is an elastic monofilament and fabric. The monofilament has optimum rigidity and superior elongation recovery, thick glossy finish available in shades ranging from milky white to black, no yielding point with excellent linear elasticity, and does not emit any toxic gases such as hydrogen cyanide when subject to heat. Grade FS 0550B contains no thermal bonding content.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Toyobo-Diaflora-FS-0550B.php

Mechanical Properties	Metric	English	Comments
Elongation at Break	290 %	290 %	
Tenacity	0.0160 N/tex	0.181 g/denier	

Thermal Properties	Metric	English	Comments
Shrinkage	38 %	38 %	
	@Temperature 150 °C	@Temperature 302 °F	

Descriptive Properties	Value	Comments
Diameter (mm)	0.25	
Rigidity index (cN/dtex)	0.086	tensile resistance at 10% elongation
Yarn Count (dtex)	550	

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