

Toyobo Diaflora® BD 0500B

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 BD 0500B contains thermal bonding content.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Toyobo-Diaflora-BD-0500B.php

Mechanical Properties	Metric	English	Comments
Elongation at Break	120 %	120 %	
Tenacity	0.0250 N/tex	0.283 g/denier	

Thermal Properties	Metric	English	Comments
Shrinkage	18 %	18 %	
	@Temperature 150 °C	@Temperature 302 °F	

Descriptive Properties	Value	Comments
Diameter (mm)	0.23	
Rigidity index (cN/dtex)	0.38	tensile resistance at 10% elongation
Yarn Count (dtex)	500	

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