

Diamond Polymers Softflex® 6001 Thermoplastic Elastomer Alloy

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Diamond-Polymers-Softflex-6001-Thermoplastic-Elastomer-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Linear Mold Shrinkage	0.016 - 0.018 cm/cm	0.016 - 0.018 in/in	Direction of Flow; ASTM D955
	@Thickness 3.17 mm	@Thickness 0.125 in	
	0.016 - 0.018 cm/cm	0.016 - 0.018 in/in	Transverse to Flow; ASTM D955
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60 - 70	60 - 70	ASTM D2240
Tensile Strength at Break	4.10 MPa	595 psi	ASTM D412
Elongation at Break	600 %	600 %	ASTM D412
Compression Set	30 %	30 %	ASTM D395
	@Temperature -5.00 °C, Time 79200 sec	@Temperature 23.0 °F, Time 22.0 hour	

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