

Diamond Polymers Softflex® 1701-1402

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-1701-1402.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	ASTM D792
Melt Flow	7.7 g/10 min	7.7 g/10 min	ASTM D1238
	@Load 1.00 kg, Temperature 235 °C	@Load 2.20 lb, Temperature 455 °F	
	16.8 g/10 min	16.8 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 200 °C	@Load 11.0 lb, Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 60	50 - 60	ASTM D792
Tensile Strength, Yield	8.30 MPa	1200 psi	chs 2.0 in/min; ASTM D638
Elongation at Break	650 %	650 %	chs 2.0 in/min; ASTM D638
Tear Strength	43.8 kN/m	250 pli	ASTM D624

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