

Diamond Polymers Softflex® SF 0450

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-SF-0450.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in ³	ASTM D792
Melt Flow	42 g/10 min	42 g/10 min	ASTM D1238
	@Load 1.00 kg, Temperature 235 °C	@Load 2.20 lb, Temperature 455 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40 - 50	40 - 50	ASTM D792
Tensile Strength, Yield	4.30 MPa	624 psi	chs 2.0 in/min; ASTM D638
Elongation at Break	600 %	600 %	chs 2.0 in/min; ASTM D638
Tear Strength	26.3 kN/m	150 pli	ASTM D624

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