

Diamond Polymers Softflex® 4550

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-4550.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	ASTM D792
Melt Flow	37 g/10 min @Load 2.16 kg, Temperature 190 °C	37 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40 - 50	40 - 50	ASTM D2240
Tensile Strength, Yield	4.10 MPa	595 psi	chs 20 in/min; ASTM D638
Elongation at Break	750 %	750 %	chs 20 in/min; ASTM D638
Tear Strength	24.5 kN/m	140 pli	ASTM D624

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