

Network Polymers Softflex® 4500

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

Description: Softflex® Thermoplastic Elastomer Alloy Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-Softflex-4500.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in³	ASTM D792
Melt Flow	1.5 g/10 min	1.5 g/10 min	Procedure A Condition Q; ASTM D1238
	@Load 1.00 kg, Temperature 235 °C	@Load 2.20 lb, Temperature 455 °F	
	11.5 g/10 min	11.5 g/10 min	Procedure A Condition G; ASTM D1238
	@Load 5.00 kg, Temperature 200 °C	@Load 11.0 lb, Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40 - 45	40 - 45	ASTM D792
Tensile Strength, Yield	4.14 MPa	600 psi	chs 20 in/min; ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Tear Strength	19.3 kN/m	110 pli	ASTM D624

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