

Network Polymers Softflex® 8800

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-8800.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ASTM D792
Melt Flow	3.0 g/10 min @Load 1.00 kg, Temperature 235 °C	3.0 g/10 min @Load 2.20 lb, Temperature 455 °F	Procedure A Condition Q; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80 - 90	80 - 90	10 second dwell; ASTM D2240
	83 - 93	83 - 93	Instantaneous; ASTM D2240
Tensile Strength, Yield	15.2 MPa	2200 psi	chs 20 in/min; ASTM D412
Elongation at Break	350 %	350 %	ASTM D412
Flexural Modulus	0.352 GPa	51.0 ksi	
Compression Set	47.7 %	47.7 %	Method B, 22 hours at 25% deflection and 23°C; ASTM D395
	97.8 %	97.8 %	22 hours at 25% deflection; ASTM D395, Method B,
	@Temperature 70.0 °C	@Temperature 158 °F	
	100 %	100 %	22 hours at 25% deflection; ASTM D395, Method B,
	@Temperature 100 °C	@Temperature 212 °F	

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