

Network Polymers Softflex® 8910

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-8910.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.012 - 0.016 cm/cm @Thickness 3.17 mm	0.012 - 0.016 in/in @Thickness 0.125 in	ASTM D955
Linear Mold Shrinkage, Transverse	0.012 - 0.016 cm/cm @Thickness 3.17 mm	0.012 - 0.016 in/in @Thickness 0.125 in	ASTM D955
Melt Flow	25 g/10 min @Load 1.00 kg, Temperature 235 °C	25 g/10 min @Load 2.20 lb, Temperature 455 °F	Procedure A Condition Q; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77	77	Instantaneous; ASTM D2240
Tensile Strength, Yield	34.5 MPa	5000 psi	chs 20 in/min; ASTM D412
Elongation at Break	535 %	535 %	ASTM D412
50% Modulus	0.00300 GPa	0.435 ksi	ASTM D412
100% Modulus	0.00470 GPa	0.682 ksi	ASTM D412
300% Modulus	0.00970 GPa	1.41 ksi	ASTM D412
Tear Strength	87.5 kN/m	499 pli	
Taber Abrasion, mg/1000 Cycles	0.0551	0.0551	H22 Wheel 1000 g load/1000 cycles; ASTM D3389
Compression Set	28 % @Temperature 100 °C	28 % @Temperature 212 °F	22 hours at 25% deflection; ASTM D395, Method B,

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China