

Network Polymers Softflex® 6500

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-6500.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.886 g/cc	0.886 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.010 cm/cm @Thickness 3.17 mm	0.010 in/in @Thickness 0.125 in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0090 cm/cm @Thickness 3.17 mm	0.0090 in/in @Thickness 0.125 in	ASTM D955
Melt Flow	0.70 g/10 min @Load 1.00 kg, Temperature 235 °C	0.70 g/10 min @Load 2.20 lb, Temperature 455 °F	Procedure A Condition Q; ASTM D1238
	4.6 g/10 min @Load 5.00 kg, Temperature 200 °C	4.6 g/10 min @Load 11.0 lb, Temperature 392 °F	Procedure A Condition G; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	58 - 68	58 - 68	10 second dwell; ASTM D2240
	61 - 71	61 - 71	Instantaneous; ASTM D2240
Tensile Strength, Yield	12.1 MPa	1750 psi	chs 20 in/min; ASTM D412
Elongation at Break	720 %	720 %	ASTM D412
Flexural Modulus	0.0185 GPa	2.69 ksi	ASTM D790
Tear Strength	35.0 kN/m	200 pli	ASTM D624

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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