

Network Polymers Softflex® 6080

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-6080.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	ASTM D792
Melt Flow	8.1 g/10 min	8.1 g/10 min	Procedure A Condition Q; ASTM D1238
	@Load 1.00 kg, Temperature 235 °C	@Load 2.20 lb, Temperature 455 °F	
	9.0 g/10 min	9.0 g/10 min	Procedure A Condition L; ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	55 - 65	55 - 65	Instantaneous; ASTM D2240
Gardner Impact	>= 36.2 J	>= 26.7 ft-lb	ASTM D5420
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-50.0 °C	-58.0 °F	ASTM D746

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