

Diamond Polymers Softflex® SF 5060 Overmold for Nylon

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Diamond-Polymers-Softflex-SF-5060-Overmold-for-Nylon.php

Physical Properties	Metric	English	Comments
Density	0.980 g/cc	0.0354 lb/in ³	ASTM D792
Melt Flow	17.5 g/10 min	17.5 g/10 min	ASTM D1238
	@Load 1.00 kg, Temperature 235 °C	@Load 2.20 lb, Temperature 455 °F	
	33.4 g/10 min	33.4 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 200 °C	@Load 11.0 lb, Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45 - 55	45 - 55	ASTM D2240
Tensile Strength, Yield	5.50 MPa	798 psi	chs 2.0 in/min; ASTM D638
Elongation at Break	750 %	750 %	chs 2.0 in/min; ASTM D638
Tear Strength	29.8 kN/m	170 pli	ASTM D624

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