

Multibase Multi-Flex[®] A 5904 LC TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE

Material Notes:

Features: Chemical Resistance, Good Heat Stabilized Ozone Resistant Forms: Pellets Processing Method: Injection Molding Information provided by Multibase

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-A-5904-LC-TPE-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM 792
Linear Mold Shrinkage	0.015 cm/cm	0.015 in/in	ASTM D955
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 230 °C	1.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	10 seconds; ASTM D2240
Tensile Strength, Yield	1.72 MPa	250 psi	at 100% secant; ASTM D638
	7.58 MPa	1100 psi	Elastic; ASTM D638
Elongation at Break	580 %	580 %	ASTM D638
Tear Strength	26.3 kN/m	150 pli	ASTM D624
Compression Set	16 %	16 %	73°F, 70 hours; ASTM D395
	38 %	38 %	158°F, 70 hours; ASTM D395

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