

Teknor Apex Monprene[®] MP 1580L1 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Notes: USP Class VI; Translucent Features: High Throughput Uses: Medical Tubing Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Monprene-MP-1580L1-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.880 g/cc	0.880 g/cc	ASTM D792
Melt Flow	1.00 g/10 min @Load 5.00 kg, Temperature 200 Â°C	1.00 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	37	37	ASTM D2240
Tensile Strength at Break	8.27 MPa	1200 psi	ASTM D412
Tensile Strength, Yield	2.07 MPa @Strain 300 %	300 psi @Strain 300 %	ASTM D412
Elongation at Break	700 %	700 %	ASTM D412

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