

Teknor Apex Monprene[®] MP 1037FL Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Notes: Transparent Features: High Flow Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Monprene-MP-1037FL-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.880 g/cc	0.880 g/cc	ASTM D792
Melt Flow	3.00 g/10 min @Load 2.16 kg, Temperature 190 °C	3.00 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	37	37	ASTM D2240
Tensile Strength at Break	8.96 MPa	1300 psi	ASTM D412
Tensile Strength, Yield	2.76 MPa @Strain 300 %	400 psi @Strain 300 %	ASTM D412
Elongation at Break	700 %	700 %	ASTM D412

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

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