

## Teknor Apex Monprene<sup>®</sup> MP 1875 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

**Material Notes:**

Notes: Water; Clear; Adhesion to Polycarbonate Features: High Coefficient of Friction Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Monprene-MP-1875-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Monprene-MP-1875-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	3.00 g/10 min @Load 2.16 kg, Temperature 150 °C	3.00 g/10 min @Load 4.76 lb, Temperature 302 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	ASTM D2240
Tensile Strength at Break	7.58 MPa	1100 psi	ASTM D412
Tensile Strength, Yield	3.45 MPa @Strain 300 %	500 psi @Strain 300 %	ASTM D412
Elongation at Break	700 %	700 %	ASTM D412

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