

## Teknor Apex Monprene<sup>®</sup> MP 1755L3 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

**Material Notes:**

Notes: USP Class VI; ISO 10993 Features: Silken Feel; Tough; Good Melt Strength Uses: Medical Bulbs Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Monprene-MP-1755L3-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Monprene-MP-1755L3-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.880 g/cc	0.880 g/cc	ASTM D792
Melt Flow	8.00 g/10 min @Load 5.00 kg, Temperature 200 Â°C	8.00 g/10 min @Load 11.0 lb, Temperature 392 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	ASTM D2240
Tensile Strength at Break	8.27 MPa	1200 psi	ASTM D412
Tensile Strength, Yield	2.76 MPa @Strain 300 %	400 psi @Strain 300 %	ASTM D412
Elongation at Break	700 %	700 %	ASTM D412

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