

Teknor Apex Monprene[®] MP 1870 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Features: Monprene[®] TPE gels are softer than the shore A range of hardness. Monprene[®] TPE gels are high strength and high flow elastomers that may be used in the overmolding processes on polyolefin substrates. Monprene[®] TPE gels are recommended for applications where very soft tactile feel and strength are required, such as cushions or padding between hard substrates and personal contact. Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Monprene-MP-1870-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.880 g/cc	0.880 g/cc	ASTM D792
Melt Flow	15.0 g/10 min @Load 2.16 kg, Temperature 190 °C	15.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	ASTM D2240
Tensile Strength at Break	4.14 MPa	600 psi	ASTM D412
Tensile Strength, Yield	0.689 MPa @Strain 300 %	100 psi @Strain 300 %	ASTM D412
Elongation at Break	600 %	600 %	ASTM D412

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