

Teknor Apex Monprene® MP 1644 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE

Material Notes:

Notes: Clear Features: High Flow; 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-1644-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.880 g/cc	0.880 g/cc	ASTM D792
Melt Flow	25.0 g/10 min	25.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 Â°C	@Load 4.76 lb, Temperature 374 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	37	37	ASTM D2240
Tensile Strength at Break	7.58 MPa	1100 psi	ASTM D412
Tensile Strength, Yield	2.07 MPa	300 psi	ASTM D412
	@Strain 300 %	@Strain 300 %	
Elongation at Break	700 %	700 %	ASTM D412

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