

A. Schulman POLYTROPE™ TPP 1010E-01 Olefinic Elastomer For Sheet Extrusion

Category : Polymer , Thermoplastic , Elastomer, TPE , Olefinic TPE , Thermoplastic Olefinic Elastomer (TPO)

Material Notes:

Description Polytrope TPP 1010E-01 is an olefinic elastomer designed for sheet extrusion, profile extrusion and blow molding. TPP 1010E-01 is a natural product which can be colored and UV stabilized by the addition of concentrates. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYTROPE-TPP-1010E-01-Olefinic-Elastomer-For-Sheet-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	ASTM D792
Melt Index of Compound	1.0 g/10 min	1.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63	63	ASTM D2240
Tensile Strength at Break	20.7 MPa	3000 psi	ASTM D638
Elongation at Break	600 %	600 %	ASTM D638
Flexural Modulus	0.689 GPa	100 ksi	ASTM D790
Gardner Impact	36.0 J @Temperature -30.0 °C	26.6 ft-lb @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-45.0 °C	-49.0 °F	

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