

A. Schulman POLYTROPE™ TPP 1024E-01 Olefinic Elastomer For Sheet Extrusion

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

Material Notes:

Description Polytrope TPP 1024E-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-1024E-01-Olefinic-Elastomer-For-Sheet-Extrusion.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	71	71	ASTM D2240
Tensile Strength, Yield	28.1 MPa	4070 psi	ASTM D638
Elongation at Break	480 %	480 %	ASTM D638
Flexural Modulus	1.74 GPa	252 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256
	0.550 J/cm @Temperature -30.0 °C	1.03 ft-lb/in @Temperature -22.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	57.0 °C	135 °F	ASTM D648

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