

A. Schulman POLYTROPE™ TPP 524E Extrusion Grade Olefinic Thermoplastic Elastomer

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

Material Notes:

Description Polytrope TPP 524E is an extrusion grade olefinic thermoplastic elastomer. This mineral filled product is suited for profile extrusion or blow molding. TPP 524E is paintable and can be provided UV stable. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYTROPE-TPP-524E-Extrusion-Grade-Olefinic-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 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	68	68	ASTM D2240
Tensile Strength at Break	17.9 MPa	2600 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D527
Flexural Modulus	1.65 GPa	240 ksi	ASTM D790
Gardner Impact	22.0 J @Temperature -30.0 °C	16.2 ft-lb @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.0 °C	-22.0 °F	

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