

Teknor Apex Elexar® EL 1934E Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Notes: Elexar® is a family of styrene block copolymer thermoplastic elastomers, often referred to as thermoplastic rubber (TPR). Elexar® "rubber-like" compounds offer superior electrical properties coupled with excellent flexibility, toughness, and surface aesthetics. Elexar® compounds are specially designed for wire & cable, fiber optic, and electrical/electronics. Elexar® TPEs are excellent alternatives to thermoset rubber, TPU's, and flexible PVC. Uses: Insulation; Jacketing Wire Types: SEOW FR; VW-1 Additional Information: UV Resistance (720 hours): Yes Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Elexar-EL-1934E-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	
Melt Flow	16.0 g/10 min @Load 5.00 kg, Temperature 200 °C	16.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	
Tensile Strength	10.0 MPa	1450 psi	
Elongation at Break	550 %	550 %	

Thermal Properties	Metric	English	Comments
UL RTI, Electrical	50.0 °C	122 °F	
	50.0 °C	122 °F	
Flammability, UL94	V-0	V-0	
Oxygen Index	30 %	30 %	

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