

Teknor Apex Elexar® EL 1446A 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. RoHS Compliant Uses: Insulation; Jacketing Wire Types: SEOW FR Information Provided by Teknor Apex

Order this product through the following link:

http://www.lookpolymers.com/polymer_Teknor-Apex-Elexar-EL-1446A-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.25 g/cc	1.25 g/cc	
Melt Flow	18.0 g/10 min @Load 5.00 kg, Temperature 200 °C	18.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	37	37	
Tensile Strength	11.0 MPa	1600 psi	
Elongation at Break	600 %	600 %	

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	
Oxygen Index	27 %	27 %	

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