

Teknor Apex Elexar[®] EL 8732R 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; Flex Cord Jacketing Wire Types: SEOW
 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-8732R-Thermoplastic-Elastomer.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------------------------------------|--------------------------------------------------------|------------|
| Specific Gravity | 1.18 g/cc | 1.18 g/cc | |
| Melt Flow | 10.0 g/10 min @Load 5.00 kg, Temperature 200 Â°C | 10.0 g/10 min @Load 11.0 lb, Temperature 392 Â°F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------|----------|----------|
| Hardness, Shore A | 80 | 80 | |
| Tensile Strength | 11.7 MPa | 1700 psi | |
| Elongation at Break | 700 % | 700 % | |

| Thermal Properties | Metric | English | Comments |
|--------------------|----------|---------|----------|
| UL RTI, Electrical | 50.0 Â°C | 122 Â°F | |
| | 50.0 Â°C | 122 Â°F | |
| Flammability, UL94 | V-2 | V-2 | |
| Oxygen Index | 24 % | 24 % | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China