

## Teknor Apex Elexar<sup>®</sup> EL 8313 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE

**Material Notes:**

Notes: Elexar<sup>®</sup> is a family of styrene block copolymer thermoplastic elastomers, often referred to as thermoplastic rubber (TPR). Elexar<sup>®</sup> "rubber-like" compounds offer superior electrical properties coupled with excellent flexibility, toughness, and surface aesthetics. Elexar<sup>®</sup> compounds are specially designed for wire & cable, fiber optic, and electrical/electronics. Elexar<sup>®</sup> TPEs are excellent alternatives to thermoset rubber, TPU's, and flexible PVC. Uses: Insulation Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Elexar-EL-8313-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Elexar-EL-8313-Thermoplastic-Elastomer.php)

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	67	67	
Tensile Strength	22.4 MPa	3250 psi	
Elongation at Break	420 %	420 %	

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-2	V-2	
Oxygen Index	24 %	24 %	

### Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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