

## Teknor Apex Elexar<sup>®</sup> EL-8421 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE

**Material Notes:**

Notes: Sunlight Resistant; Temperature Rating: 105<sup>°</sup>C Processing Method: Extrusion; Injection Molding Information Provided by Teknor Apex

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-Elexar-EL-8421-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-Elexar-EL-8421-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92	92	
Tensile Strength	15.6 MPa	2260 psi	
Elongation at Break	650 %	650 %	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -60.0 <sup>°</sup> C	<= -76.0 <sup>°</sup> F	ASTM D746
Flammability, UL94	HB	HB	
Oxygen Index	17 %	17 %	ASTM D2863

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