

## Teknor Apex ELEXAR<sup>®</sup> EL 8712 Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE , Thermoplastic Elastomer , Melt-Processible Rubber

**Material Notes:**

Information provided by Teknor Apex Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Teknor-Apex-ELEXAR-EL-8712-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Teknor-Apex-ELEXAR-EL-8712-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	ASTM D792
Melt Flow	1.9 g/10 min @Load 2.16 kg, Temperature 230 Â°C	1.9 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	ASTM D2240
Tensile Strength, Yield	13.5 MPa	1960 psi	ASTM D412
Elongation at Break	680 %	680 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Continuous; UL-1581
Brittleness Temperature	-60.0 Â°C	-76.0 Â°F	ASTM D746
Oxygen Index	20 %	20 %	ASTM D2863

## Contact Songhan Plastic Technology Co.,Ltd.

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