

## Techmer ES Plastiblend® Endura Control

Category : Polymer , Thermoplastic , Nylon

**Material Notes:**

Availability: North America Forms: Pellets Features: High Heat Resistance Information provided by TP Composites, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techmer-ES-Plastiblend-Endura-Control.php](http://www.lookpolymers.com/polymer_Techmer-ES-Plastiblend-Endura-Control.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.40 % @Time 86400 sec	0.40 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.0090 cm/cm @Thickness 3.17 mm	0.0090 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength, Yield	80.0 MPa	11600 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Strength	89.6 MPa	13000 psi	ASTM D790
Flexural Modulus	2.40 GPa	348 ksi	ASTM D790
Izod Impact, Notched	2.03 J/cm @Thickness 3.17 mm	3.80 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	55.8 Åµm/m-Å°C	31.0 Åµin/in-Å°F	ASTM D696
Melting Point	160 Å°C	320 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	135 Å°C	275 Å°F	Unannealed; ASTM D648

## 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