

## Techmer ES Elastoblend® PA6 IM 811 HS L (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Heat Stabilized , Nylon 6, Impact Grade

### Material Notes:

Availability: North America  
Forms: Pellets  
Additive: Heat Stabilizer, Impact Modifier and Lubricant  
Features: Heat Stabilized, Impact Modified and Lubricated  
TPCI# 6109102  
Information provided by TP Composites, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techmer-ES-Elastoblend-PA6-IM-811-HS-L-Conditioned.php](http://www.lookpolymers.com/polymer_Techmer-ES-Elastoblend-PA6-IM-811-HS-L-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	ASTM D792
Water Absorption	1.5 % @Time 86400 sec	1.5 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.0080 cm/cm @Thickness 3.17 mm	0.0080 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D638
Elongation at Break	300 %	300 %	ASTM D638
Flexural Strength	51.7 MPa	7500 psi	ASTM D790
Flexural Modulus	0.862 GPa	125 ksi	ASTM D790
Izod Impact, Notched	NB @Thickness 3.17 mm	NB @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	NB @Thickness 3.17 mm	NB @Thickness 0.125 in	ASTM D256

## Contact Songhan Plastic Technology Co.,Ltd.

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