

Techmer ES Luriblend® TPX-PA6/6-95001

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

Availability: North America Forms: Pellets Additive: Lubricant Features: Lubricated Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Luriblend-TPX-PA66-95001.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	ASTM D792
Water Absorption	0.70 % @Time 86400 sec	0.70 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.019 cm/cm @Thickness 3.17 mm	0.019 in/in @Thickness 0.125 in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	78	78	ASTM D785
Tensile Strength	60.0 MPa	8700 psi	ASTM D638
Elongation at Yield	16 %	16 %	ASTM D638
Flexural Yield Strength	97.2 MPa	14100 psi	ASTM D790
Flexural Modulus	2.55 GPa	370 ksi	ASTM D790
Izod Impact, Notched	0.747 J/cm @Thickness 3.17 mm	1.40 ft-lb/in @Thickness 0.125 in	ASTM D256
Izod Impact, Unnotched	10.1 J/cm @Thickness 3.17 mm	19.0 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	97.2 Åµm/m-Å°C	54.0 Åµin/in-Å°F	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	154 Å°C	310 Å°F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	85.0 Å°C	185 Å°F	Unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	ASTM D257

Electrical Properties	Metric	English	Comments
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Contact Songhan Plastic Technology Co.,Ltd.

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