

E-Polymers SEPAZ® LA40 PA66 LFT Resin

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Long Fiber Thermoplastics: SEPAZ LFT products, injection moldable long fiber-reinforced thermoplastics (LFT), are made using a unique pultrusion that thoroughly wets out the glass fibers and delivers optimal reinforcement to the plastic matrix in contrast to conventional short glass fiber-reinforced thermoplastics. Molded parts made of SEPAZ LFT are used in virtually every sector of consumer and industrial manufacturing, including automotive, recreation & sports, marine, food & beverage. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-SEPAZ-LA40-PA66-LFT-Resin.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|---------------------------|---------------------------|-----------|
| Specific Gravity | 1.46 g/cc | 1.46 g/cc | ASTM D792 |
| Water Absorption | 0.70 % @Time 86400 sec | 0.70 % @Time 24.0 hour | |
| Linear Mold Shrinkage | 0.0025 cm/cm | 0.0025 in/in | |
| Linear Mold Shrinkage, Transverse | 0.0035 cm/cm | 0.0035 in/in | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|------------------------------------|--|-----------|
| Tensile Strength | 220.7 MPa | 32010 psi | ASTM D638 |
| Elongation at Break | 2.1 % | 2.1 % | ASTM D638 |
| Flexural Strength | 323.73 MPa | 46953 psi | ASTM D790 |
| Flexural Modulus | 11.772 GPa | 1707.4 ksi | ASTM D790 |
| Izod Impact, Notched | 2.65 J/cm @Temperature 23.0 °C | 4.96 ft-lb/in @Temperature 73.4 °F | ASTM D256 |
| | 2.65 J/cm @Temperature -30.0 °C | 4.96 ft-lb/in @Temperature -22.0 °F | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|-----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 249 °C | 480 °F | ASTM D648 |
| Flammability, UL94 | HB | HB | |

| Processing Properties | Metric | English | Comments |
|-----------------------|--------------|--------------|----------|
| Melt Temperature | 280 - 300 °C | 536 - 572 °F | |

| Processing Properties | Metric 100 °C | English 212 °F | Comments |
|-----------------------|---------------|----------------|----------|
|-----------------------|---------------|----------------|----------|

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