

Lucky Enpla LPC1001F

Polycarbonate
Lucky Enpla Co LTD

Message:

Lucky Enpla LPC1001F is a polycarbonate (PC) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Lucky Enpla LPC1001F applications include electrical/electronic applications and housing.

Features include:

flame retardant/rated flame

Halogen-free

| General Information | | | |
|---|------------------------------------|-------------------|-------------|
| UL YellowCard | E217401-101474743 | E217401-100426424 | |
| Features | Halogen-free | | |
| Uses | Electrical/Electronic Applications | | |
| | Electrical housing | | |
| | | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.20 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 0.50 - 0.80 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ | 63.7 | MPa | ASTM D638 |
| Flexural Modulus ² | 2260 | MPa | ASTM D790 |
| Flexural Strength ³ | 93.2 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Unnotched Izod Impact (3.18 mm) | 740 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 123 | °C | ASTM D648 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating | | | UL 94 |
| 0.800 mm | V-0 | | UL 94 |
| 1.60 mm | V-0 | | UL 94 |
| 3.20 mm | V-0 | | UL 94 |
| Injection | Nominal Value | Unit | |
| Drying Temperature | 70.0 - 90.0 | °C | |
| Drying Time | 2.0 - 3.0 | hr | |
| Rear Temperature | 260 - 280 | °C | |
| Middle Temperature | 270 - 290 | °C | |
| Front Temperature | 270 - 290 | °C | |
| Nozzle Temperature | 270 - 290 | °C | |
| Mold Temperature | 60.0 - 80.0 | °C | |

| | | |
|--|-------------|-----|
| Back Pressure | 1.96 - 3.92 | MPa |
| Screw Speed | 60 - 80 | rpm |
| Injection instructions | | |
| Resin Temperature: 280-300°CInjection Pressure (1st Pressure): 700-1200 kg/cm ² Injection Pressure (2nd Pressure): 400-800 kg/cm ² | | |
| NOTE | | |
| 1. | 30 mm/min | |
| 2. | 30 mm/min | |
| 3. | 30 mm/min | |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material


Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT