

Lucky Enpla LPC1006F

Polycarbonate
Lucky Enpla Co LTD

Message:

Lucky Enpla LPC1006F is a polycarbonate (PC) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Typical application areas are: electrical/electronic applications.
Features include:
flame retardant/rated flame
Flame Retardant
good weather resistance

General Information			
Features	Good weather resistance		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
Appearance	Clear/transparent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	61.8	MPa	ASTM D638
Flexural Modulus ²	2260	MPa	ASTM D790
Flexural Strength ³	91.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (3.18 mm)	690	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	130	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (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°C Injection Pressure (1st Pressure): 700-1200 kg/cm² Injection Pressure (2nd Pressure): 400-800 kg/cm²

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

