

Lucky Enpla LAY3000

Polycarbonate + PBT

Lucky Enpla Co LTD

Message:

Lucky Enpla LAY3000 is a polycarbonate polybutene terephthalate (PC PBT) product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Lucky Enpla LAY3000 applications include electrical/electronic applications and the automotive industry. The main characteristics are: impact resistance.

General Information			
Features	Impact resistance, high		
Uses	Electrical/Electronic Applications		
	Application in Automobile Field		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.70 - 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	47.1	MPa	ASTM D638
Flexural Modulus ²	1960	MPa	ASTM D790
Flexural Strength ³	76.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (3.18 mm)	490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	95.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	240 - 270	°C	
Middle Temperature	250 - 270	°C	
Front Temperature	250 - 270	°C	
Nozzle Temperature	260 - 280	°C	
Mold Temperature	30.0 - 60.0	°C	
Back Pressure	0.490 - 1.47	MPa	
Screw Speed	40 - 70	rpm	
Injection instructions			
Resin Temperature: 250-270°CInjection Pressure (1st Pressure): 800-1200 kg/cm ² Injection Pressure (2nd Pressure): 500-800 kg/cm ²			
NOTE			
1.	50 mm/min		
2.	10 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

