

Lucky Enpla LMA1000

Polymethyl Methacrylate Acrylic

Lucky Enpla Co LTD

Message:

Lucky Enpla LMA1000 is a polymethyl methacrylate-acrylic acid product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Lucky Enpla LMA1000 applications include electrical/electronic applications, housing, automotive industries and lighting equipment.

General Information			
Features	General		
Uses	Lighting Applications Electrical/Electronic Applications Application in Automobile Field Shell		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	2.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	72.6	MPa	ASTM D638
Flexural Modulus ²	3040	MPa	ASTM D790
Flexural Strength ³	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (6.35 mm)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	94.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	210 - 230	°C	
Middle Temperature	210 - 230	°C	
Front Temperature	220 - 240	°C	
Nozzle Temperature	220 - 240	°C	
Mold Temperature	60.0 - 80.0	°C	
Back Pressure	1.96 - 3.92	MPa	
Screw Speed	60 - 80	rpm	
Injection instructions			
Resin Temperature: 220-240°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