

Lucky Enpla LPB1006F

Polybutylene Terephthalate

Lucky Enpla Co LTD

Message:

Lucky Enpla LPB1006F is a polybutene terephthalate (PBT) 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. The main characteristics are: good weather resistance.

General Information			
Features	Good weather resistance		
Uses	Connector		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.0 - 2.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	51.0	MPa	ASTM D638
Flexural Modulus ²	2260	MPa	ASTM D790
Flexural Strength ³	71.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (3.18 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	165	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	230 - 250	°C	
Middle Temperature	230 - 250	°C	
Front Temperature	240 - 260	°C	
Nozzle Temperature	245 - 265	°C	
Mold Temperature	50.0 - 70.0	°C	
Back Pressure	0.490 - 2.94	MPa	
Screw Speed	30 - 60	rpm	
Injection instructions			
Resin Temperature: 240-260°CInjection Pressure (1st Pressure): 600-1100 kg/cm²Injection Pressure (2nd Pressure): 400-800 kg/cm²			
NOTE			
1.	50 mm/min		
2.	10 mm/min		
3.	10 mm/min		

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Recommended distributors for this material

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