

# Lucky Enpla LHLD1050

Polycarbonate  
Lucky Enpla Co LTD

Message:

Lucky Enpla LHLD1050 is a polycarbonate (PC) product. It can be processed by extrusion or injection molding and is available in North America, Europe or Asia Pacific. Typical application areas are: movies.  
Features include:  
Light Diffusion  
high liquidity

General Information			
Features	Good Light Diffusion		
	High liquidity		
Uses	Films		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	57.9	MPa	ASTM D638
Flexural Modulus <sup>2</sup>	2060	MPa	ASTM D790
Flexural Strength <sup>3</sup>	83.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (3.18 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	127	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	270 - 280	°C	
Middle Temperature	275 - 290	°C	
Front Temperature	280 - 290	°C	
Nozzle Temperature	280 - 300	°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/cm²Injection Pressure (2nd Pressure): 400-800 kg/cm²			

## NOTE

1.	10 mm/min
2.	5.0 mm/min
3.	5.0 mm/min

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## Recommended distributors for this material

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