

# Lucky Enpla LKFR

Acrylonitrile Butadiene Styrene

Lucky Enpla Co LTD

## Message:

Lucky Enpla LKFR is an acrylonitrile butadiene styrene (ABS) 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 features are: flame retardant.

General Information			
Features	Flame retardancy		
Uses	Electrical/Electronic Applications		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.40 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	42.2	MPa	ASTM D638
Flexural Modulus <sup>2</sup>	2550	MPa	ASTM D790
Flexural Strength <sup>3</sup>	69.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			ASTM D256
3.18 mm	280	J/m	ASTM D256
6.35 mm	250	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	83.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	200 - 220	°C	
Middle Temperature	205 - 225	°C	
Front Temperature	210 - 230	°C	
Nozzle Temperature	210 - 230	°C	
Mold Temperature	60.0 - 80.0	°C	
Back Pressure	1.96 - 3.92	MPa	
Screw Speed	60 - 80	rpm	
Injection instructions			
Resin Temperature: 210-230°CInjection Pressure (1st Pressure): 700-1200 kg/cm²Injection Pressure (2nd Pressure): 400-800 kg/cm²			
NOTE			
1.	50 mm/min		
2.	10 mm/min		
3.	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

