

Star L PA6 D61

Polyamide 6
Eurostar Engineering Plastics

Message:

Star L PA6 D61 is a PTFE/Silicone Oil lubricated, Unreinforced, Polyamide 6 Injection Molding Resin

General Information			
Additive	PTFE + Silicone Lubricant		
Features	Lubricated		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	1.8 to 2.2	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	62.0	MPa	ISO 527-2
Tensile Strain (Break)	18	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	79.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ¹ (23°C)	7.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ² (23°C)	68	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (0.45 MPa, Unannealed, 100 mm Span)	130	°C	ISO 75-2/Be
Melting Temperature (DSC)	225	°C	ISO 3146
Injection	Nominal Value	Unit	
Drying Temperature	75.0 to 85.0	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	230 to 240	°C	
Middle Temperature	235 to 245	°C	
Front Temperature	240 to 260	°C	
Processing (Melt) Temp	240 to 260	°C	
Mold Temperature	60.0 to 80.0	°C	
NOTE			
1.	80*10*4		
2.	80*10*4		
3.	120*10*4		

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

