

Star L PA66 D61

Polyamide 66

Eurostar Engineering Plastics

Message:

Star L PA66 D61 is a PTFE/Silicone Oil Lubricated, Unreinforced, Polyamide 66 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	1.21	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	2.4 to 3.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	69.0	MPa	ISO 527-2
Tensile Strain (Break)	8.0	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Flexural Stress	89.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ¹ (23°C)	6.3	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ² (23°C)	53	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (1.8 MPa, Unannealed, 64.0 mm Span)	165	°C	ISO 75-2/Af
Melting Temperature (DSC)	265	°C	ISO 3146
NOTE			
1.	80*10*4		
2.	80*10*4		
3.	80*10*4		

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