

Latilub 66-15ST G/30

Polyamide 66

LATI S.p.A.

Message:

Self-lubricating product based on Polyamide 66 (PA 66). Silicone / PTFE. Glass fibres.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE + Silicone Lubricant		
Features	Lubricated		
	Self Lubricating		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.90 to 1.2	%	
Flow : 2.00 mm	0.40 to 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	9400	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	150	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.5	%	ISO 527-2/5
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.25		
vs. Itself - Static	0.28		
Wear Factor	1.70E-7	cm ³ · min/kg · m · h	ASTM D3702
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ² (23°C)	8.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength ³ (23°C)	45	kJ/m ²	ISO 179/1eU
Notched Izod Impact ⁴ (23°C)	90	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	260	°C	ISO 75-2/B
1.8 MPa, Unannealed	250	°C	ISO 75-2/A
Vicat Softening Temperature	250	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	275 to 300	°C	

Mold Temperature	70.0 to 100	°C
Injection Rate	Moderate	
NOTE		
1.	60 MPa	
2.	80x10x40 mm	
3.	80x10x40 mm	
4.	63.5x12.7x3.2 mm	

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

