

Latilub 57D-15T G/30

Polyamide

LATI S.p.A.

Message:

Self-lubricating product based on Semi-aromatic polyammide.

PTFE. Glass fibres.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE Lubricant		
Features	Aromatic		
	Self Lubricating		

Physical	Nominal Value	Unit	Test Method
Density	1.55	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.75 to 1.1	%	
Flow : 2.00 mm	0.35 to 0.65	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	10000	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	200	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.6	%	ISO 527-2/5
Coefficient of Friction			ASTM D3702
vs. Itself - Dynamic	0.29		
vs. Itself - Static	0.33		
Wear Factor	1.50E-9	(m ³ /h)/(N·m·h)	ASTM D3702

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	80	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	280	°C	ISO 75-2/B
1.8 MPa, Unannealed	250	°C	ISO 75-2/A
Vicat Softening Temperature	255	°C	ISO 306/B50

Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	320 to 340	°C	
Mold Temperature	130 to 150	°C	

Injection Rate	Moderate
NOTE	
1.	at 60 Mpa of cavity pressure

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



WECHAT