

LUBEMID B27 TF10 NATURAL

Polyamide 6

LUBEN PLAST srl

Message:

Compound based on PA6 first choice natural colour. Self lubricated. With PTFE

General Information			
Filler / Reinforcement	PTFE Fiber,10% Filler by Weight		
Features	Self Lubricating		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.20 to 1.21	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500 to 3000	MPa	ISO 527-2/1A/1
Tensile Stress			ISO 527-2/1A/5
Yield	60.0 to 70.0	MPa	
Break	60.0 to 70.0	MPa	
Tensile Strain			ISO 527-2/1A/5
Yield	5.0 to 7.0	%	
Break	5.0 to 7.0	%	
Flexural Modulus ¹	2000 to 2500	MPa	ISO 178
Flexural Stress ²	70.0 to 80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0 to 5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	45 to 55	kJ/m ²	ISO 179/1eU
Notched Izod Impact			
23°C, 3.20 mm	40 to 50	J/m	ASTM D256A
23°C ³	50 to 60	kJ/m ²	ASTM D256
23°C	4.0 to 5.0	kJ/m ²	ISO 180/A
23°C ⁴	4.0 to 5.0	kJ/m ²	ASTM D256
Unnotched Izod Impact Strength (23°C)	50 to 60	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, 3.20 mm	155 to 165	°C	ASTM D648
0.45 MPa, Unannealed	160 to 170	°C	ISO 75-2/B
1.8 MPa, Unannealed, 3.20 mm	55.0 to 65.0	°C	ASTM D648
Vicat Softening Temperature			
--	205 to 215	°C	ISO 306/A120
--	200 to 210	°C	ISO 306/B120
Melting Temperature	210 to 225	°C	Internal Method

NOTE	
1.	2.0 mm/min
2.	2.0 mm/min
3.	Notch E
4.	Notch A

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