

Latamid 66 H2 G/25-V0KB3

Polyamide 66

LATI S.p.A.

Message:

Compound based on Polyamide 66 (PA 66). Heat stabilised. Glass fibres. UL94 V-0 classified, with red phosphorous. Product UL certified.

General Information			
UL YellowCard	E54080-243992	E54080-243999	E54080-244003
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Flame Retardant		
	Heat Stabilizer		
Features	Flame Retardant		
	Heat Stabilized		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.0 to 1.2	%	
Flow	0.35 to 0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-2
23°C	8200	MPa	
60°C	6900	MPa	
90°C	4200	MPa	
120°C	3500	MPa	
150°C	2700	MPa	
Tensile Stress			ISO 527-2
Yield, 90°C	70.0	MPa	
Yield, 120°C	50.0	MPa	
Yield, 150°C	40.0	MPa	
Break, 23°C	135	MPa	
Break, 60°C	100	MPa	
Break, 90°C	65.0	MPa	
Break, 120°C	50.0	MPa	
Break, 150°C	40.0	MPa	
Tensile Strain			ISO 527-2
Yield, 90°C	3.7	%	
Yield, 120°C	3.8	%	

Yield, 150°C	4.1	%	
Break, 23°C	2.2	%	
Break, 60°C	2.6	%	
Break, 90°C	4.2	%	
Break, 120°C	4.2	%	
Break, 150°C	4.7	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	7.0	kJ/m ²	
23°C	10	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-20°C	50	kJ/m ²	
23°C	60	kJ/m ²	
Notched Izod Impact (23°C)	95	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	255	°C	ISO 75-2/B
1.8 MPa, Unannealed	225	°C	ISO 75-2/A
Continuous Use Temperature	125	°C	
Vicat Softening Temperature	240	°C	ISO 306/B50
CLTE - Flow (30 to 100°C)	1.2E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	HB		
1.50 mm	V-0		
3.00 mm	V-0		
Glow Wire Flammability Index			IEC 60695-2-12
1.00 mm	960	°C	
2.00 mm	960	°C	
Oxygen Index	26	%	ASTM D2863
Additional Information	Nominal Value	Unit	Test Method
Mold Shrinkage Pressure	60.0	MPa	ISO 294-4
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	260 to 280	°C	
Mold Temperature	70.0 to 100	°C	
Injection Rate	Moderate		

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

