

Laticonther 62 GR/50-V0

Polyamide 6

LATI S.p.A.

Message:

High thermal conductivity product based on Polyamide 6 (PA6). Graphite. UL94 V-0 classified, with brominated flame retardants, PBB/PBDE free.

General Information			
UL YellowCard	E54080-102307009		
Additive	Graphite powder lubricant Flame retardancy		
Features	Heat conduction brominated Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Density	1.71	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Transverse flow: 2.00mm	0.40 - 0.60	%	ISO 294-4
Flow: 2.00mm	0.35 - 0.65	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	17000	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	45.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	0.50	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	205	°C	ISO 75-2/B
1.8 MPa, not annealed	195	°C	ISO 75-2/A
Vicat Softening Temperature	195	°C	ISO 306/B50
CLTE - Flow (30 to 100°C)	1.0E-5	cm/cm/°C	ISO 11359-2
Thermal Conductivity ²	10	W/m/K	Internal method
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.75 mm	V-0		UL 94
1.5 mm	V-0		UL 94
3.0 mm	V-0		UL 94

Glow Wire Flammability Index (2.0 mm)	960	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (2.0 mm)	900	°C	IEC 60695-2-13
Oxygen Index	41	%	ASTM D2863

NOTE			
1.	60 MPa		
2.	Longitudinal		

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

