

Laticonther 87/28 GR/50

Polycarbonate

LATI S.p.A.

Message:

High thermal conductivity product based on Polycarbonate (PC).
Graphite.

General Information			
Filler / Reinforcement	Graphite Powder,50% Filler by Weight		
Features	Thermally Conductive		
Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.50 to 0.75	%	
Flow : 2.00 mm	0.45 to 0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	7000	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	35.0	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	0.80	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	140	°C	ISO 75-2/B
1.8 MPa, Unannealed	135	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306/B50
Thermal Conductivity	10	W/m/K	Internal Method
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4	ohms	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	120 to 130	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	280 to 300	°C	
Mold Temperature	100 to 120	°C	
Injection Rate	Fast		
NOTE			
1.	60 MPa		

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.

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