

## LATI Latistat 87/28-06 PC

Category : Polymer , Thermoplastic , Polycarbonate (PC)

### Material Notes:

Dissipative product based on Polycarbonate (PC). Unfilled. Availability: Africa & Middle East; Asia Pacific; Europe; Latin America; North America  
Information provided by Lati Industria Termoplastici S.p.A.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LATI-Latistat-8728-06-PC.php](http://www.lookpolymers.com/polymer_LATI-Latistat-8728-06-PC.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0070 - 0.0090 cm/cm	0.0070 - 0.0090 in/in	
Linear Mold Shrinkage, Transverse	0.0070 - 0.0090 cm/cm	0.0070 - 0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 MPa	7250 psi	
Elongation at Yield	4.5 %	4.5 %	
Tensile Modulus	2.60 GPa	377 ksi	
Charpy Impact Unnotched	9.50 J/cm <sup>2</sup>	45.2 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	2.00 J/cm <sup>2</sup>	9.52 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	
Vicat Softening Point	145 °C @Load 5.00 kg	293 °F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	10000 ohm	10000 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	270 - 290 °C	518 - 554 °F	

Mold Temperature Processing Properties	100 - 120 Å°C Metric	212 - 248 Å°F English	Comments
Drying Temperature	120 - 130 Å°C @Time 10800 sec	248 - 266 Å°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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