

## LATI Latiohm 52/11-10 PD02 PP Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Dissipative product based on Polypropylene homopolymer (PPH). 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-Latiohm-5211-10-PD02-PP-Homopolymer.php](http://www.lookpolymers.com/polymer_LATI-Latiohm-5211-10-PD02-PP-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.014 - 0.017 cm/cm	0.014 - 0.017 in/in	
Linear Mold Shrinkage, Transverse	0.0145 - 0.0175 cm/cm	0.0145 - 0.0175 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	10.0 MPa	1450 psi	
Elongation at Break	95 %	95 %	
Elongation at Yield	10 %	10 %	
Tensile Modulus	0.800 GPa	116 ksi	
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	1.50 J/cm <sup>2</sup>	7.14 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	60.0 °C	140 °F	
Deflection Temperature at 1.8 MPa (264 psi)	40.0 °C	104 °F	
Vicat Softening Point	50.0 °C @Load 5.00 kg	122 °F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.00e+10 ohm-cm	3.00e+10 ohm-cm	
Surface Resistance	1.00e+10 ohm	1.00e+10 ohm	

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	180 - 210 °C Metric	356 - 410 °F English	Comments
Mold Temperature	50.0 - 70.0 °C	122 - 158 °F	
Drying Temperature	80.0 - 90.0 °C @Time 10800 sec	176 - 194 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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