

## LATI Latistat 52/7-02 MI/30 PP Homopolymer, 30% Mica Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Mica Filler

### Material Notes:

Dissipative product based on Polypropylene homopolymer (PPH). Mica filler. 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-527-02-MI30-PP-Homopolymer-30-Mica-Filled.php](http://www.lookpolymers.com/polymer_LATI-Latistat-527-02-MI30-PP-Homopolymer-30-Mica-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0080 - 0.010 cm/cm	0.0080 - 0.010 in/in	
Linear Mold Shrinkage, Transverse	0.0085 - 0.0105 cm/cm	0.0085 - 0.0105 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	
Elongation at Break	3.0 %	3.0 %	
Elongation at Yield	1.5 %	1.5 %	
Tensile Modulus	5.20 GPa	754 ksi	
Charpy Impact Unnotched	1.00 J/cm <sup>2</sup>	4.76 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.100 J/cm <sup>2</sup>	0.476 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	140 Â°C	284 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	95.0 Â°C	203 Â°F	
Vicat Softening Point	110 Â°C @Load 5.00 kg	230 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	800 ohm	800 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 240 Â°C	392 - 464 Â°F	

Mold Temperature Processing Properties	40.0 - 60.0 Â°C Metric	104 - 140 Â°F English	Comments
Drying Temperature	80.0 - 90.0 Â°C @Time 10800 sec	176 - 194 Â°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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