

## LATI Latigray 52/11-01 CX/70 PP Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

Radiopaque compound based on Polypropylene homopolymer (PPH). Special mineral 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-Latigray-5211-01-CX70-PP-Homopolymer.php](http://www.lookpolymers.com/polymer_LATI-Latigray-5211-01-CX70-PP-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	1.97 g/cc	0.0712 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.010 - 0.015 cm/cm	0.010 - 0.015 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.015 cm/cm	0.010 - 0.015 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	20.0 MPa	2900 psi	
Elongation at Break	1.2 %	1.2 %	
Tensile Modulus	2.90 GPa	421 ksi	
Charpy Impact Unnotched	0.700 J/cm <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.130 J/cm <sup>2</sup>	0.619 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 Â°C	239 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	70.0 Â°C	158 Â°F	
Vicat Softening Point	140 Â°C @Load 5.00 kg	284 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+13 ohm	1.00e+13 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	220 - 240 Â°C	428 - 464 Â°F	
Mold Temperature	40.0 - 60.0 Â°C	104 - 140 Â°F	

Processing Properties	80.0 - 90.0 A°C Metric	176 - 194 A°F English	Comments
	@Time 10800 sec	@Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

## Contact Songhan Plastic Technology Co.,Ltd.

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