

## LATI Latigray 53/22-01 CX/70 PP Homopolymer, Impact Modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

**Material Notes:**

Radiopaque compound based on Polypropylene homopolymer (PPH), impact modified. 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-5322-01-CX70-PP-Homopolymer-Impact-Modified.php](http://www.lookpolymers.com/polymer_LATI-Latigray-5322-01-CX70-PP-Homopolymer-Impact-Modified.php)

Physical Properties	Metric	English	Comments
Density	1.96 g/cc	0.0708 lb/in <sup>3</sup>	
Thickness	720 microns	28.3 mil	80
	840 microns	33.1 mil	120
Linear Mold Shrinkage, Flow	0.012 - 0.015 cm/cm	0.012 - 0.015 in/in	
Linear Mold Shrinkage, Transverse	0.017 - 0.020 cm/cm	0.017 - 0.020 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.0 MPa	2180 psi	
Elongation at Break	1.8 %	1.8 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Elongation at Yield	0.90 %	0.90 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Tensile Modulus	3.50 GPa	508 ksi	
Charpy Impact Unnotched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.250 J/cm <sup>2</sup>	1.19 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	130 Â°C	266 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	110 Â°C	230 Â°F	
Vicat Softening Point	120 Â°C	248 Â°F	
	@Load 5.00 kg	@Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	220 - 240 Â°C	428 - 464 Â°F	
Mold Temperature	20.0 - 40.0 Â°C	68.0 - 104 Â°F	
Drying Temperature	80.0 - 100 Â°C @Time 10800 sec	176 - 212 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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