

## LATI Latigray 62-01 CX/75 PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

**Material Notes:**

Radiopaque compound based on Polyamide 6 (PA6). 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-62-01-CX75-PA-6.php](http://www.lookpolymers.com/polymer_LATI-Latigray-62-01-CX75-PA-6.php)

Physical Properties	Metric	English	Comments
Density	2.46 g/cc	0.0889 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0050 - 0.0090 cm/cm	0.0050 - 0.0090 in/in	
Linear Mold Shrinkage, Transverse	0.0050 - 0.0090 cm/cm	0.0050 - 0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.0 MPa	10900 psi	
Elongation at Break	1.1 %	1.1 %	
Tensile Modulus	7.90 GPa	1150 ksi	
Charpy Impact Unnotched	2.50 J/cm <sup>2</sup>	11.9 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.150 J/cm <sup>2</sup>	0.714 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	190 Â°C	374 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	145 Â°C	293 Â°F	
Vicat Softening Point	180 Â°C @Load 5.00 kg	356 Â°F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	250 - 290 Â°C	482 - 554 Â°F	
Mold Temperature	80.0 - 100 Â°C	176 - 212 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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