

## LATI Latigray 75/4-01 CX/45 PBT

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), Unreinforced, Molded

### Material Notes:

Radiopaque compound based on Polybutylene Terephthalate (PBT). 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-754-01-CX45-PBT.php](http://www.lookpolymers.com/polymer_LATI-Latigray-754-01-CX45-PBT.php)

Physical Properties	Metric	English	Comments
Density	1.92 g/cc	0.0694 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.016 - 0.019 cm/cm	0.016 - 0.019 in/in	
Linear Mold Shrinkage, Transverse	0.016 - 0.019 cm/cm	0.016 - 0.019 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	45.0 MPa	6530 psi	
Elongation at Break	2.5 %	2.5 %	
Tensile Modulus	3.20 GPa	464 ksi	
Charpy Impact Unnotched	4.50 J/cm <sup>2</sup>	21.4 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.300 J/cm <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	175 Â°C	347 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	85.0 Â°C	185 Â°F	
Vicat Softening Point	170 Â°C @Load 5.00 kg	338 Â°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+14 ohm	1.00e+14 ohm	

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 260 Â°C	464 - 500 Â°F	
Mold Temperature	70.0 - 100 Â°C	158 - 212 Â°F	

Processing Properties	120 - 130 A°C Metric	248 - 266 A°F English	Comments
Drying Temperature	@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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