

## LATI Latiblend 3675 G/10 ABS/PBT, 10% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , ABS Polymer , ABS/Polyester Alloy + GF , Polyester, TP , Polybutylene Terephthalate (PBT)

### Material Notes:

Blend based on Acrylonitrile-Butadiene-Styrene copolymer (ABS) / Polybutylene Terephthalate (PBT). Glass fibers. Good surface appearance. 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-Latiblend-3675-G10-ABSPBT-10-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_LATI-Latiblend-3675-G10-ABSPBT-10-Glass-Fiber-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in <sup>3</sup>	
Linear Mold Shrinkage, Flow	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	
Linear Mold Shrinkage, Transverse	0.0055 - 0.085 cm/cm	0.0055 - 0.085 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 MPa	7250 psi	
Elongation at Break	2.5 % @Temperature 23.0 Â°C	2.5 % @Temperature 73.4 Â°F	
Tensile Modulus	3.10 GPa	450 ksi	
Charpy Impact Unnotched	2.50 J/cm <sup>2</sup>	11.9 ft-lb/in <sup>2</sup>	
Charpy Impact, Notched	0.600 J/cm <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 Â°C	194 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	100 Â°C	212 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	90.0 Â°C	194 Â°F	
Vicat Softening Point	100 Â°C @Load 5.00 kg	212 Â°F @Load 11.0 lb	

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	Metric	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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