

LATI Later 4 PBT

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

Material Notes:

Polybutylene Terephthalate (PBT). Unfilled. 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-Later-4-PBT.php

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in ³	
Linear Mold Shrinkage, Flow	0.017 - 0.020 cm/cm	0.017 - 0.020 in/in	
Linear Mold Shrinkage, Transverse	0.017 - 0.020 cm/cm	0.017 - 0.020 in/in	

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 100 %	>= 100 %	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	>= 100 %	>= 100 %	
	@Temperature 60.0 °C	@Temperature 140 °F	
	>= 100 %	>= 100 %	
Elongation at Yield	@Temperature 90.0 °C	@Temperature 194 °F	
	>= 100 %	>= 100 %	
	@Temperature 120 °C	@Temperature 248 °F	
Tensile Modulus	6.0 %	6.0 %	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Tensile Modulus	0.400 GPa	58.0 ksi	
	@Temperature 120 °C	@Temperature 248 °F	
Tensile Modulus	0.650 GPa	94.3 ksi	
	@Temperature 90.0 °C	@Temperature 194 °F	
Tensile Modulus	0.900 GPa	131 ksi	
	@Temperature 60.0 °C	@Temperature 140 °F	
Tensile Modulus	2.40 GPa	348 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Charpy Impact Unnotched Mechanical Properties	Metric	English	Comments
Charpy Impact, Notched	0.550 J/cm ²	2.62 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Deflection Temperature at 0.46 MPa (66 psi)	165 °C	329 °F	
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	
Vicat Softening Point	170 °C @Load 5.00 kg	338 °F @Load 11.0 lb	

Processing Properties	Metric	English	Comments
Melt Temperature	230 - 245 °C	446 - 473 °F	
Mold Temperature	70.0 - 90.0 °C	158 - 194 °F	
Drying Temperature	110 - 130 °C @Time 10800 sec	230 - 266 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China