

LATI Laticonther 52/11 GR/70 PP Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

High thermal conductivity product based on Polypropylene homopolymer (PPh). Graphite. 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-Laticonther-5211-GR70-PP-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	
Linear Mold Shrinkage, Flow	0.0045 - 0.0080 cm/cm	0.0045 - 0.0080 in/in	
Linear Mold Shrinkage, Transverse	0.0045 - 0.0085 cm/cm	0.0045 - 0.0085 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.0 MPa	3630 psi	
Elongation at Break	0.60 %	0.60 %	
Tensile Modulus	8.20 GPa	1190 ksi	
Charpy Impact Unnotched	0.400 J/cm ²	1.90 ft-lb/in ²	
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	15.0 W/m-K	104 BTU-in/hr-ft ² -°F	Longitudinal
Deflection Temperature at 0.46 MPa (66 psi)	160 °C	320 °F	
Deflection Temperature at 1.8 MPa (264 psi)	150 °C	302 °F	
Vicat Softening Point	135 °C @Load 5.00 kg	275 °F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	350 ohm-cm	350 ohm-cm	
Surface Resistance	85 ohm	85 ohm	

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Melt Temperature Processing Properties	230 - 280 Â°C Metric	446 - 536 Â°F English	Comments
Mold Temperature	50.0 - 80.0 Â°C	122 - 176 Â°F	
Drying Temperature	80.0 - 90.0 Â°C @Time 10800 sec	176 - 194 Â°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