

LATI Larton MDT16-02 PPS

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

Polyphenylene Sulfide (PPS) based compound. Magnetic detectable filler. Very good chemical resistance. Very good thermal properties.

Low smoke density and low toxicity index. 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-Larton-MDT16-02-PPS.php

Physical Properties	Metric	English	Comments
Density	2.95 g/cc	0.107 lb/in ³	
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	
Linear Mold Shrinkage, Transverse	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa @Temperature 23.0 °C	4350 psi @Temperature 73.4 °F	
Elongation at Break	0.40 % @Temperature 23.0 °C	0.40 % @Temperature 73.4 °F	
Tensile Modulus	12.0 GPa @Temperature 23.0 °C	1740 ksi @Temperature 73.4 °F	
Charpy Impact Unnotched	0.600 J/cm ²	2.86 ft-lb/in ²	
Charpy Impact, Notched	0.150 J/cm ²	0.714 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	210 °C	410 °F	
Deflection Temperature at 1.8 MPa (264 psi)	180 °C	356 °F	

Processing Properties	Metric	English	Comments
Melt Temperature	290 - 310 °C	554 - 590 °F	
Mold Temperature	130 - 140 °C	266 - 284 °F	

Processing Properties	Metric	English	Comments
Drying Temperature	130-150 Å°C	265-302 Å°F	
	@Time 10800 sec	@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