

LATI Larton CE/60 PPS, 60% Mineral Reinforced

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

Polyphenylene Sulfide (PPS) based compound. Mineral 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-CE60-PPS-60-Mineral-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.87 g/cc	0.0676 lb/in ³	
Linear Mold Shrinkage, Flow	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	
Linear Mold Shrinkage, Transverse	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
	35.0 MPa	5080 psi	
	@Temperature 120 Â°C	@Temperature 248 Â°F	
	55.0 MPa	7980 psi	
	@Temperature 90.0 Â°C	@Temperature 194 Â°F	
	65.0 MPa	9430 psi	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	70.0 MPa	10200 psi	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Elongation at Break	0.50 %	0.50 %	
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
	0.80 %	0.80 %	
	@Temperature 60.0 Â°C	@Temperature 140 Â°F	
	1.2 %	1.2 %	

Mechanical Properties	@Temperature 90.0 Metric °C	@Temperature 194 °F English	Comments
	1.7 %	1.7 %	
	@Temperature 120 °C	@Temperature 248 °F	
	1.9 %	1.9 %	
	@Temperature 150 °C	@Temperature 302 °F	
Tensile Modulus	4.20 GPa	609 ksi	
	@Temperature 150 °C	@Temperature 302 °F	
	7.60 GPa	1100 ksi	
	@Temperature 120 °C	@Temperature 248 °F	
	9.10 GPa	1320 ksi	
	@Temperature 90.0 °C	@Temperature 194 °F	
	9.90 GPa	1440 ksi	
	@Temperature 60.0 °C	@Temperature 140 °F	
	11.5 GPa	1670 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact Unnotched	0.500 J/cm ²	2.38 ft-lb/in ²	
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	
Deflection Temperature at 0.46 MPa (66 psi)	240 °C	464 °F	
Deflection Temperature at 1.8 MPa (264 psi)	160 °C	320 °F	
Vicat Softening Point	250 °C	482 °F	
	@Load 5.00 kg	@Load 11.0 lb	
Flammability, UL94	V-0	V-0	
	@Thickness 3.00 mm	@Thickness 0.118 in	
	V-0	V-0	
	@Thickness 1.50 mm	@Thickness 0.0591 in	
Oxygen Index			

Thermal Properties	Metric	English	Comments
Electrical Properties	Metric	English	Comments
Comparative Tracking Index	175 V	175 V	A solution

Processing Properties	Metric	English	Comments
Melt Temperature	290 - 330 Â°C	554 - 626 Â°F	
Mold Temperature	130 - 140 Â°C	266 - 284 Â°F	
Drying Temperature	130 - 150 Â°C @Time 10800 sec	266 - 302 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