

LATI Latene® 7H2-V2HF PP Homopolymer, Heat Stabilized, Flame Retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

Polypropylene homopolymer (PPh) based compound. Heat stabilized. UL94 V-2 classified, halogens-based flame retardants

free. 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-Latene-7H2-V2HF-PP-Homopolymer-Heat-Stabilized-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	
Linear Mold Shrinkage, Flow	0.013 - 0.016 cm/cm	0.013 - 0.016 in/in	
Linear Mold Shrinkage, Transverse	0.0135 - 0.0165 cm/cm	0.0135 - 0.0165 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	20.0 MPa	2900 psi	
Elongation at Break	60 %	60 %	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	>= 100 %	>= 100 %	
Elongation at Yield	@Temperature 60.0 °C	@Temperature 140 °F	
	>= 100 %	>= 100 %	
	@Temperature 90.0 °C	@Temperature 194 °F	
Elongation at Yield	7.5 %	7.5 %	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	8.5 %	8.5 %	
Tensile Modulus	@Temperature 60.0 °C	@Temperature 140 °F	
	9.0 %	9.0 %	
	@Temperature 90.0 °C	@Temperature 194 °F	
Tensile Modulus	0.550 GPa	79.8 ksi	
	@Temperature 90.0		

Mechanical Properties	°C Metric	@Temperature 194 °F English	Comments
	0.850 GPa	123 ksi	
	@Temperature 60.0 °C	@Temperature 140 °F	
	1.90 GPa	276 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact Unnotched	1.50 J/cm ²	7.14 ft-lb/in ²	
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	4.00 J/cm ²	19.0 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.0400 J/cm ²	0.190 ft-lb/in ²	
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.150 J/cm ²	0.714 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	
Vicat Softening Point	100 °C	212 °F	
	@Load 5.00 kg	@Load 11.0 lb	
Flammability, UL94	V-2	V-2	
	@Thickness 3.00 mm	@Thickness 0.118 in	
	V-2	V-2	
	@Thickness 1.50 mm	@Thickness 0.0591 in	
	V-2	V-2	
	@Thickness 0.750 mm	@Thickness 0.0295 in	
Oxygen Index	25 %	25 %	
	850 °C	1560 °F	

Glow Wire Test Thermal Properties	Metric @Thickness 1.00 mm	English @Thickness 0.0394 in	GWIT Comments
	850 Â°C	1560 Â°F	GWIT
	@Thickness 2.00 mm	@Thickness 0.0787 in	
	960 Â°C	1760 Â°F	GWFI/GWT
	@Thickness 1.00 mm	@Thickness 0.0394 in	
	960 Â°C	1760 Â°F	GWFI/GWT
	@Thickness 2.00 mm	@Thickness 0.0787 in	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	600 V	600 V	A solution

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 210 Â°C	356 - 410 Â°F	
Mold Temperature	30.0 - 50.0 Â°C	86.0 - 122 Â°F	
Drying Temperature	80.0 - 90.0 Â°C	176 - 194 Â°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