

LATI Latene® 9H TES/30 PP Homopolymer, Heat Stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Polypropylene homopolymer (PPh) based compound. Heat stabilized. Aesthetic talc. 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-9H-TES30-PP-Homopolymer-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in³	
Linear Mold Shrinkage, Flow	0.0105 - 0.0135 cm/cm	0.0105 - 0.0135 in/in	
Linear Mold Shrinkage, Transverse	0.011 - 0.014 cm/cm	0.011 - 0.014 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	10.0 MPa	1450 psi	
	@Temperature 60.0 °C	@Temperature 140 °F	
	20.0 MPa	2900 psi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Elongation at Break	30 %	30 %	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	70 %	70 %	
	@Temperature 60.0 °C	@Temperature 140 °F	
	>= 100 %	>= 100 %	
	@Temperature 90.0 °C	@Temperature 194 °F	
Elongation at Yield	4.0 %	4.0 %	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	5.0 %	5.0 %	
	@Temperature 60.0 °C	@Temperature 140 °F	
	6.0 %	6.0 %	
	@Temperature 90.0 °C	@Temperature 194 °F	
Tensile Modulus	0.650 GPa	94.3 ksi	
	@Temperature 90.0 °C	@Temperature 194 °F	

Mechanical Properties	1.20 GPa Metric	174 ksi English	Comments
	@Temperature 60.0 °C	@Temperature 140 °F	
	2.70 GPa	392 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	
	3.00 J/cm ²	14.3 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.0700 J/cm ²	0.333 ft-lb/in ²	
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.200 J/cm ²	0.952 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	
Vicat Softening Point	100 °C	212 °F	
	@Load 5.00 kg	@Load 11.0 lb	
Flammability, UL94	HB	HB	
	@Thickness 1.50 mm	@Thickness 0.0591 in	

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 240 °C	392 - 464 °F	
Mold Temperature	40.0 - 60.0 °C	104 - 140 °F	
Drying Temperature	80.0 - 90.0 °C	176 - 194 °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