

LATI Latene[®] EP 7 TES/30 PP Copolymer, 30% Talc filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Talc Filler

Material Notes:

Polypropylene copolymer (PPc) based compound. Aesthetic talc. Very good surface appearance. Good elongation. 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-EP-7-TES30-PP-Copolymer-30-Talc-filled.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	
Linear Mold Shrinkage, Flow	0.0095 - 0.0125 cm/cm	0.0095 - 0.0125 in/in	
Linear Mold Shrinkage, Transverse	0.010 - 0.013 cm/cm	0.010 - 0.013 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.0 MPa	2180 psi	
Elongation at Break	35 %	35 %	
	@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	3.0 %	3.0 %	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	5.0 %	5.0 %	
Tensile Modulus	@Temperature 60.0 °C	@Temperature 140 °F	
	6.0 %	6.0 %	
	@Temperature 90.0 °C	@Temperature 194 °F	
Tensile Modulus	0.500 GPa	72.5 ksi	
	@Temperature 90.0 °C	@Temperature 194 °F	

Mechanical Properties	Metric	English	Comments
	1.10 GPa @Temperature 60.0 °C	158 ksi @Temperature 140 °F	
	2.60 GPa @Temperature 23.0 °C	377 ksi @Temperature 73.4 °F	
Charpy Impact Unnotched	1.50 J/cm ² @Temperature -20.0 °C	7.14 ft-lb/in ² @Temperature -4.00 °F	
	3.00 J/cm ² @Temperature 23.0 °C	14.3 ft-lb/in ² @Temperature 73.4 °F	
Charpy Impact, Notched	0.0300 J/cm ² @Temperature -20.0 °C	0.143 ft-lb/in ² @Temperature -4.00 °F	
	0.200 J/cm ² @Temperature 23.0 °C	0.952 ft-lb/in ² @Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 °C	158 °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	70.0 °C	158 °F	
	@Load 5.00 kg	@Load 11.0 lb	

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