

LATI Latene® EP 22UVH2 MX/25 PP Copolymer, Mineral Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Polypropylene copolymer (PPc) based compound. UV stabilized. Improved thermal stabilization. Special mineral filler. 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-22UVH2-MX25-PP-Copolymer-Mineral-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	
Linear Mold Shrinkage, Flow	0.011 - 0.014 cm/cm	0.011 - 0.014 in/in	
Linear Mold Shrinkage, Transverse	0.0115 - 0.0145 cm/cm	0.0115 - 0.0145 in/in	

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 100 %	>= 100 %	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
	>= 100 %	>= 100 %	
Elongation at Yield	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
	>= 100 %	>= 100 %	
	@Temperature 90.0 Å°C	@Temperature 194 Å°F	
Tensile Modulus	8.0 %	8.0 %	
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
	10 %	10 %	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
	0.500 GPa	72.5 ksi	
	@Temperature 90.0 Å°C	@Temperature 194 Å°F	
	1.00 GPa	145 ksi	
	@Temperature 60.0 Å°C	@Temperature 140 Å°F	
	2.50 GPa		

Mechanical Properties	Metric	English	Comments
	@Temperature 23.0 Å°C	36.3 ksi @Temperature 73.4 Å°F	
Charpy Impact Unnotched	10.0 J/cmÅ²	47.6 ft-lb/inÅ²	
Charpy Impact, Notched	1.00 J/cmÅ²	4.76 ft-lb/inÅ²	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	110 Å°C	230 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	105 Å°C	221 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	55.0 Å°C	131 Å°F	
Vicat Softening Point	80.0 Å°C @Load 5.00 kg	176 Å°F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	400 V	400 V	A solution

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 240 Å°C	392 - 464 Å°F	
Mold Temperature	40.0 - 60.0 Å°C	104 - 140 Å°F	
Drying Temperature	80.0 - 90.0 Å°C @Time 10800 sec	176 - 194 Å°F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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