

LATI Latistat 48/9900-03 EVA

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate; Molded/Extruded

Material Notes:

Dissipative product based on Ethyl-Vinyl-Acetate (EVA). Unfilled. 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-Latistat-489900-03-EVA.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	
Linear Mold Shrinkage, Flow	0.013 - 0.016 cm/cm	0.013 - 0.016 in/in	
Linear Mold Shrinkage, Transverse	0.013 - 0.016 cm/cm	0.013 - 0.016 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	10.0 MPa	1450 psi	
Elongation at Break	>= 100 %	>= 100 %	
Elongation at Yield	8.0 %	8.0 %	
Tensile Modulus	0.700 GPa	102 ksi	
Charpy Impact Unnotched	NB	NB	
Charpy Impact, Notched	NB	NB	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	45.0 °C	113 °F	
Deflection Temperature at 1.8 MPa (264 psi)	35.0 °C	95.0 °F	
Vicat Softening Point	50.0 °C @Load 5.00 kg	122 °F @Load 11.0 lb	

Electrical Properties	Metric	English	Comments
Volume Resistivity	400 ohm-cm	400 ohm-cm	
Surface Resistance	200 ohm	200 ohm	

Processing Properties	Metric	English	Comments
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Melt Temperature Processing Properties	210 - 230 °C Metric	410 - 446 °F English	Comments
Mold Temperature	10.0 - 30.0 °C	50.0 - 86.0 °F	
Drying Temperature	70.0 - 80.0 °C @Time 10800 sec	158 - 176 °F @Time 3.00 hour	

Descriptive Properties	Value	Comments
ISO Shrinkage - Pressure	60 MPa	

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