

Latistat 48/9900-03

Ethylene Vinyl Acetate Copolymer
LATI S.p.A.

Message:
Dissipative product based on EVA.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	1.3 to 1.6	%	
Flow : 2.00 mm	1.3 to 1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	700	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	10.0	MPa	ISO 527-2/5
Tensile Strain			ISO 527-2/5
Yield, 23°C	8.0	%	
Break, 23°C	250	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	45.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	35.0	°C	ISO 75-2/A
Vicat Softening Temperature	50.0	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	2.0E+2	ohms	ASTM D257
Volume Resistivity	4.0E+2	ohms · cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	210 to 230	°C	
Mold Temperature	10.0 to 30.0	°C	
Injection Rate	Moderate		
NOTE			

1. at 60 Mpa of cavity pressure

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Recommended distributors for this material

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