

Latiohm 82-02 PD09

Polyamide 12

LATI S.p.A.

Message:

Semiconductive/dissipative product based on Polyamide 12 (PA12). Unfilled.

General Information			
Features	Semi-conductive		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Transverse flow: 2.00mm	0.90 - 1.2	%	ISO 294-4
Flow: 2.00mm	0.90 - 1.1	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2100	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield, 23°C	50.0	MPa	ISO 527-2/5
Fracture, 23°C	45.0	MPa	ISO 527-2/5
Tensile Strain			ISO 527-2/5
Yield, 23°C	15	%	ISO 527-2/5
Fracture, 23°C	50	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	115	°C	ISO 75-2/B
1.8 MPa, not annealed	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	140	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2	ohms	ASTM D257
NOTE			
1.	60 MPa		

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