

Latiohm 57-05 PD01 G/15

Polyphthalamide

LATI S.p.A.

Message:

Semiconductive/dissipative product based on Semi-aromatic polyammide (PPA). Glass fibres.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight		
Features	Semi-conductive		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Transverse flow: 2.00mm	0.75 - 1.1	%	ISO 294-4
Flow: 2.00mm	0.35 - 0.65	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	13500	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	190	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.0	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	270	°C	ISO 75-2/B
1.8 MPa, not annealed	260	°C	ISO 75-2/A
Vicat Softening Temperature	230	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4	ohms	ASTM D257
Volume Resistivity	1.0E+4	ohms · cm	ASTM D257
NOTE			
1.	60 MPa		

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