

Latiohm 62-09 PD01 G/20-V2HF

Polyamide 6

LATI S.p.A.

Message:

Dissipative compound based on Polyamide 6 (PA 6).

Glass fibres. UL94 V-2 classified, halogens and red phosphorous free.

Very good mechanical properties.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Halogen Free		
	Low (to None) Phosphorus Content		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.60 to 0.90	%	
Flow : 2.00 mm	0.30 to 0.55	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	10500	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	105	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.3	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40	kJ/m ²	ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	55	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	195	°C	ISO 75-2/A
Vicat Softening Temperature	210	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+8	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	V-2		
1.50 mm	V-2		
3.00 mm	V-2		
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	3.0	hr	

Processing (Melt) Temp	230 to 250	°C
Mold Temperature	70.0 to 100	°C
Injection Rate	Moderate	

NOTE

1. at 60 Mpa of cavity pressure

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