

Latiohm 66-04 PD01 G/25-V0CT1

Polyamide 66

LATI S.p.A.

Message:

Partially conductive/dissipative compound based on Polyamide 66 (PA 66).

Glass fibres. UL94 V-0 classified, with halogens, PBB/PBDE and antimonium trioxide free.

General Information			
UL YellowCard	E54080-101316665		
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	Flame Retardant		
Features	Antimony Free		
	Electrically Conductive		
	Flame Retardant		
	Halogenated		

Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.65 to 0.95	%	
Flow : 2.00 mm	0.30 to 0.55	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	17000	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	150	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	2.4	%	ISO 527-2/5

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	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)	120	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	250	°C	ISO 75-2/B
1.8 MPa, Unannealed	215	°C	ISO 75-2/A
Vicat Softening Temperature	215	°C	ISO 306/B50

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	3.0E+3	ohms	ASTM D257

Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	V-0		
1.50 mm	V-0		

3.00 mm	V-0		
Oxygen Index	36	%	ASTM D2863
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 100	°C	
Injection Rate	Moderate		
NOTE			
1.	at 60 Mpa of cavity pressure		

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