

Latistat 87/28-06

Polycarbonate

LATI S.p.A.

Message:

Dissipative product based on Polycarbonate (PC).
Unfilled.

General Information			
Features	Statically Conductive		
Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.70 to 0.90	%	
Flow : 2.00 mm	0.70 to 0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2600	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield, 23°C	55.0	MPa	
Break, 23°C	50.0	MPa	
Tensile Strain			ISO 527-2/5
Yield, 23°C	4.5	%	
Break, 23°C	6.0	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	95	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	135	°C	ISO 75-2/B
1.8 MPa, Unannealed	125	°C	ISO 75-2/A
Continuous Use Temperature ²	120	°C	
Vicat Softening Temperature	145	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4	ohms	ASTM D257
Additional Information	Nominal Value		
Dimensional Stability	72.0		
Injection	Nominal Value	Unit	
Drying Temperature	120 to 130	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	100 to 120	°C	

Injection Rate	Fast
NOTE	
1.	60 MPa
2.	20,000 hr

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