Latiohm 66-06 PD03 G/20

Polyamide 66

LATI S.p.A.

Message:

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

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Electrically Conductive		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.34	g/cm³	ISO 1183
Molding Shrinkage [1]			ISO 294-4
Across Flow : 2.00 mm	0.90 to 1.2	%	
Flow : 2.00 mm	0.40 to 0.55	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus			ISO 527-2/1
23°C	12000	MPa	
60°C	9100	MPa	
90°C	7500	MPa	
120°C	5800	MPa	
Tensile Stress			ISO 527-2/5
Break, 23°C	180	MPa	
Break, 60°C	135	MPa	
Break, 90°C	120	MPa	
Break, 120°C	90.0	MPa	
Tensile Strain			ISO 527-2/5
Break, 23°C	2.5	%	
Break, 60°C	3.6	%	
Break, 90°C	5.0	%	
Break, 120°C	6.0	%	
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	7.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	45	kJ/m²	ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	60	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, Unannealed	260	°C	ISO 75-2/B
1.8 MPa, Unannealed	245	°C	ISO 75-2/A
Vicat Softening Temperature	255	°C	ISO 306/B50

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+5	ohms	ASTM D257
Injection	**Nominal Value**	**Unit**	
Drying Temperature	90.0 to 100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	275 to 300	°C	
Mold Temperature	70.0 to 100	°C	
Injection Rate	Moderate		
NOTE			
1.	at 60 Mpa of cavity pressure		

Recommended distributors for this material

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