

Latistat 63-08

Polyamide 6
LATI S.p.A.

Message:
Dissipative product based on Polyamide 6 (PA 6), toughened.

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	1.3 to 1.5	%	
Flow : 2.00 mm	1.2 to 1.5	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2200	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	40.0	MPa	ISO 527-2/5
Tensile Strain			ISO 527-2/5
Yield, 23°C	3.0	%	
Break, 23°C	80	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	600	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	135	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	170	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	2.0E+8	ohms	ASTM D257
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	60.0 to 70.0	°C	
Injection Rate	Moderate		
NOTE			

1. at 60 Mpa of cavity pressure

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Recommended distributors for this material

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