

Lastane 50

Polyurethane

LATI S.p.A.

Message:

Polyurethane (PUR).
Very good noise reduction. Good impact resistance even at low temperature.

General Information			
Features	Good Impact Resistance		
	Low Temperature Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	0.50 to 0.70	%	
Flow : 2.00 mm	0.50 to 0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	250	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	35.0	MPa	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	50.0	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	200 to 220	°C	
Mold Temperature	20.0 to 40.0	°C	
Injection Rate	Moderate		
NOTE			
1.	at 60 Mpa of cavity pressure		

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