

# Latilub 73/13-10T Y/15

Acetal (POM) Copolymer

LATI S.p.A.

## Message:

Self-lubricating product based on Polyoximethylene (POM).  
PTFE. Aramid fibres.

General Information			
Filler / Reinforcement	Aramid Fiber,15% Filler by Weight		
Additive	PTFE Lubricant		
Features	Self Lubricating		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage <sup>1</sup>			ISO 294-4
Across Flow : 2.00 mm	1.7 to 2.0	%	
Flow : 2.00 mm	1.6 to 1.9	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3300	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	60.0	MPa	ISO 527-2/5
Tensile Strain			ISO 527-2/5
Yield, 23°C	4.5	%	
Break, 23°C	6.0	%	
Coefficient of Friction			ASTM D3702
vs. Itself - Dynamic	0.13		
vs. Itself - Static	0.18		
Wear Factor	3.90E-10	(m <sup>3</sup> /h)/(N·m·h)	ASTM D3702
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m <sup>2</sup>	ISO 179/1eU
Notched Izod Impact (23°C, 3.20 mm)	50	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	140	°C	ISO 306/B50
Injection	Nominal Value	Unit	Test Method
Drying Temperature	80.0 to 90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	175 to 200	°C	
Mold Temperature	70.0 to 90.0	°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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