

Latilub 95-15T

Polysulfone

LATI S.p.A.

Message:

Self-lubricating product based on Polysulphone (PSU).
PTFE.

General Information			
Additive	PTFE Lubricant		
Features	Self Lubricating		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 294-4
Across Flow : 2.00 mm	1.2 to 1.4	%	
Flow : 2.00 mm	1.1 to 1.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1800	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	90.0	MPa	ISO 527-2/5
Tensile Strain			ISO 527-2/5
Yield, 23°C	5.0	%	
Break, 23°C	8.0	%	
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic	0.17		
vs. Itself - Static	0.20		
Wear Factor	50	10 ⁻⁸ mm ³ /N · m	ASTM D3702
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	70	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	180	°C	ISO 75-2/B
1.8 MPa, Unannealed	170	°C	ISO 75-2/A
Vicat Softening Temperature	180	°C	ISO 306/B50
Injection	Nominal Value	Unit	Test Method
Drying Temperature	110 to 130	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	290 to 320	°C	
Mold Temperature	90.0 to 110	°C	
Injection Rate	Moderate		
NOTE			

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