Latilub 66-01M G/15

Polyamide 66

LATI S.p.A.

Message:

Self-lubricating product based on Polyamide 66 (PA 66).
Molybdenum dysulphide. Glass fibres. Product UL certified.

General Information			
UL YellowCard	E54080-244026		
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Additive	Molybdenum Disulfide Lubricant		
Features	Self Lubricating		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.24	g/cm³	ISO 1183
Molding Shrinkage [1]			ISO 294-4
Across Flow : 2.00 mm	0.95 to 1.3	%	
Flow : 2.00 mm	0.45 to 0.75	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus (23°C)	6000	MPa	ISO 527-2/1
Tensile Stress (Break, 23°C)	110	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	3.8	%	ISO 527-2/5
Coefficient of Friction			ASTM D3702
vs. Itself - Dynamic	0.32		
vs. Itself - Static	0.36		
Wear Factor	4.40E-9	(m³/h)/(N·m·h)	ASTM D3702
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	30	kJ/m²	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	250	°C	ISO 75-2/B
1.8 MPa, Unannealed	235	°C	ISO 75-2/A
Vicat Softening Temperature	250	°C	ISO 306/B50
Flammability	**Nominal Value**		**Test Method**
Flame Rating (0.750 mm)	HB		UL 94
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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