

LUBEMID A26 ER NATURAL

Polyamide 66

LUBEN PLAST srl

Message:

Compound based on PA66 natural first choice. Lubricated and nucleated for faster cycles.

General Information			
Additive	Lubricant		
	Nucleating Agent		
Features	Fast Molding Cycle		
	Lubricated		
	Nucleated		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.11 to 1.15	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500 to 3000	MPa	ISO 527-2/1A/1
Tensile Stress			ISO 527-2/1A/50
Yield	60.0 to 65.0	MPa	
Break	60.0 to 65.0	MPa	
Tensile Strain			ISO 527-2/1A/50
Yield	5.0 to 8.0	%	
Break	5.0 to 8.0	%	
Flexural Modulus ¹	1800 to 2300	MPa	ISO 178
Flexural Stress ²	65.0 to 70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.4 to 4.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40 to 60	kJ/m ²	ISO 179/1eU
Notched Izod Impact			
23°C, 3.20 mm	30 to 50	J/m	ASTM D256A
23°C ³	80 to 90	kJ/m ²	ASTM D256
23°C	2.5 to 4.5	kJ/m ²	ISO 180/A
23°C ⁴	3.0 to 5.0	kJ/m ²	ASTM D256
Unnotched Izod Impact Strength (23°C)	50 to 70	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, 3.20 mm	215 to 225	°C	ASTM D648
0.45 MPa, Unannealed	220 to 230	°C	ISO 75-2/B

1.8 MPa, Unannealed, 3.20 mm	70.0 to 80.0	°C	ASTM D648
Vicat Softening Temperature			
--	240 to 250	°C	ISO 306/A120
--	230 to 240	°C	ISO 306/B120
Melting Temperature	250 to 265	°C	Internal Method
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-2		UL 94
Glow Wire Flammability Index (2.00 mm)	850	°C	IEC 60695-2-12
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		
3.	Notch E		
4.	Notch A		

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