

LUBEMID A26 TF10 NATURAL

Polyamide 66

LUBEN PLAST srl

Message:

Compound based on PA66 natural first choice. Self lubricated. With PTFE.

General Information			
Filler / Reinforcement	PTFE Fiber,10% Filler by Weight		
Additive	Lubricant		
Features	Self Lubricating		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.20 to 1.21	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400 to 2800	MPa	ISO 527-2/1A/1
Tensile Stress			ISO 527-2/1A/5
Yield	60.0 to 70.0	MPa	
Break	60.0 to 70.0	MPa	
Tensile Strain			ISO 527-2/1A/5
Yield	5.0 to 7.0	%	
Break	5.0 to 7.0	%	
Flexural Modulus ¹	2300 to 2700	MPa	ISO 178
Flexural Stress ²	70.0 to 80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5 to 3.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	40 to 50	kJ/m ²	ISO 179/1eU
Notched Izod Impact			
23°C, 3.20 mm	30 to 45	J/m	ASTM D256A
23°C ³	45 to 55	kJ/m ²	ASTM D256
23°C	3.0 to 3.5	kJ/m ²	ISO 180/A
23°C ⁴	3.0 to 4.5	kJ/m ²	ASTM D256
Unnotched Izod Impact Strength (23°C)	45 to 55	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, 3.20 mm	220 to 230	°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			
--	245 to 255	°C	ISO 306/A120
--	225 to 235	°C	ISO 306/B120

Melting Temperature	250 to 265	°C	Internal Method
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		
3.	Notch E		
4.	Notch A		

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