

LUBEMID A26 FR V0 NATURAL

Polyamide 66

LUBEN PLAST srl

Message:

Compound based on PA6,6 first choice natural colour. Flame retarded. UL 94 V0 classified. With halogens.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogenated		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.32 to 1.36	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200 to 2700	MPa	ISO 527-2/1A/1
Tensile Stress			ISO 527-2/1A/5
Yield	45.0 to 55.0	MPa	
Break	35.0 to 45.0	MPa	
Tensile Strain			ISO 527-2/1A/5
Yield	2.0 to 3.0	%	
Break	3.0 to 5.0	%	
Flexural Modulus ¹	1500 to 2000	MPa	ISO 178
Flexural Stress ²	40.0 to 50.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0 to 3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35 to 45	kJ/m ²	ISO 179/1eU
Notched Izod Impact			
23°C, 3.20 mm	25 to 35	J/m	ASTM D256A
23°C ³	40 to 50	kJ/m ²	ASTM D256
23°C	2.0 to 3.0	kJ/m ²	ISO 180/A
23°C ⁴	2.5 to 3.5	kJ/m ²	ASTM D256
Unnotched Izod Impact Strength (23°C)	35 to 45	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, 3.20 mm	210 to 220	°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			
--	235 to 245	°C	ISO 306/A120

--	225 to 235	°C	ISO 306/B120
Melting Temperature	250 to 265	°C	Internal Method
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Glow Wire Flammability Index (2.00 mm)	960	°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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