

LUBEMID A26 GK30 NATURAL

Polyamide 66

LUBEN PLAST srl

Message:

Compound based on PA6,6 first choice natural colour. With glass beads 30%.

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.33 to 1.37	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3000 to 3500	MPa	ISO 527-2/1A/1
Tensile Stress			ISO 527-2/1A/5
Yield	40.0 to 45.0	MPa	
Break	35.0	MPa	
Tensile Strain			ISO 527-2/1A/5
Yield	3.0 to 4.0	%	
Break	6.0 to 7.0	%	
Flexural Modulus ¹	2500 to 3000	MPa	ISO 178
Flexural Stress ²	80.0 to 90.0	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)	20 to 30	kJ/m ²	ISO 179/1eU
Notched Izod Impact			
23°C, 3.20 mm	35 to 45	J/m	ASTM D256A
23°C ³	25 to 35	kJ/m ²	ASTM D256
23°C	2.0 to 3.0	kJ/m ²	ISO 180/A
23°C ⁴	3.5 to 4.5	kJ/m ²	ASTM D256
Unnotched Izod Impact Strength (23°C)	20 to 30	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, 3.20 mm	235 to 245	°C	ASTM D648
0.45 MPa, Unannealed	230 to 240	°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
NOTE			

1.	2.0 mm/min
2.	2.0 mm/min
3.	Notch E
4.	Notch A

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