

LUBEMID B27 CM30 NATURAL

Polyamide 6

LUBEN PLAST srl

Message:

Compound based on PA6 first choice natural colour. With mineral fillers 30%.

General Information			
Filler / Reinforcement	Mineral,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
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0 to 6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	50 to 60	kJ/m ²	ISO 179/1eU
Notched Izod Impact			
23°C, 3.20 mm	50 to 60	J/m	ASTM D256A
23°C ¹	80 to 90	kJ/m ²	ASTM D256
23°C	4.0 to 6.0	kJ/m ²	ISO 180/A
23°C ²	5.0 to 6.0	kJ/m ²	ASTM D256
Unnotched Izod Impact Strength (23°C)	55 to 65	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, 3.20 mm	200 to 210	°C	ASTM D648
0.45 MPa, Unannealed	210 to 220	°C	ISO 75-2/B
1.8 MPa, Unannealed, 3.20 mm	150 to 160	°C	ASTM D648
Vicat Softening Temperature			
--	205 to 215	°C	ISO 306/A120
--	195 to 205	°C	ISO 306/B120
Melting Temperature	210 to 225	°C	Internal Method
NOTE			
1.	Notch E		
2.	Notch A		

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