

LubriOne™ NN-000/01M black SO

Polyamide 66
PolyOne Corporation

Message:

LubriOne™ NN-000/01M black SO is a Polyamide 66 (Nylon 66) product. It is available in Europe. Applications of LubriOne™ NN-000/01M black SO include appliances and conveyors.

General Information			
Features	Lubricated		
Uses	Appliance Components		
	Conveyor Parts		
	Profiles		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	52	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (275°C/2.16 kg)	57.0	cm ³ /10min	ISO 1133
Molding Shrinkage ²	2.3	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2600	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	77.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	4.4	%	ISO 527-2/50
Flexural Modulus (23°C)	2690	MPa	ISO 178
Flexural Stress (23°C)	108	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.4	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	55	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	237	°C	ISO 75-2/B
1.8 MPa, Unannealed	112	°C	ISO 75-2/A
NOTE			
1.	±0.03		
2.	measured on tensile test bar		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

