

LubriOne™ NN-30GF/15T Natural UV

Polyamide 66
PolyOne Corporation

Message:

LubriOne™ Lubricated and Wear-Resistant Compounds have been specifically formulated to be self-lubricating materials, offering low coefficient of friction and improved wear resistance properties. LubriOne compounds have been demonstrated to reduce friction, noise, vibration, heat buildup and improve product durability.

General Information			
Features	Good UV Resistance		
	Good Wear Resistance		
	Low Friction		
	Lubricated		
Uses	Appliance Components		
	Automotive Applications		
	Bearings		
	Business Equipment		
	Consumer Applications		
	Conveyor Parts		
	Gears		
	Industrial Applications		
	Printer Parts		
	Pulleys		
	Rollers		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.50	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8200	MPa	ISO 527-2
Tensile Stress (Break)	150	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	8000	MPa	ISO 178
Flexural Stress	200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.0	kJ/m ²	ISO 179
Unnotched Izod Impact Strength	55	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			

0.45 MPa, Unannealed	250	°C	ISO 75-2/B
1.8 MPa, Unannealed	250	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	ISO 3795
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	240 to 280	°C	

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Recommended distributors for this material

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