

# LubriOne™ NN-30GF/10T WHT

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			
UL YellowCard	E76261-101415440		
Additive	Lubricant		
Features	Lubricated		
Uses	Appliance Components		
	Automotive Applications		
	Bearings		
	Business Equipment		
	Consumer Applications		
	Conveyor Parts		
	Gears		
	Industrial Applications		
	Printer Parts		
	Pulleys		
	Rollers		
Appearance	White		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 to 1.0	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050 to 0.10	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8620	MPa	ASTM D638
Tensile Strength	103	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790
Flexural Strength	172	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load	ASTM D648		

0.45 MPa, Unannealed	250	°C	
1.8 MPa, Unannealed	244	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength <sup>1</sup> (23°C)	8.5	kV/mm	ASTM D149
Injection	Nominal Value	Unit	
Drying Temperature	71.1 to 82.2	°C	
Processing (Melt) Temp	288 to 299	°C	
Mold Temperature	65.6 to 93.3	°C	
NOTE			
1.	Method A (Short-Time)		

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#### Recommended distributors for this material

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