

LubriOne™ NN-30CF/15T-02S black

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	Electrically Conductive		
	Good Wear Resistance		
	High Stiffness		
	Lubricated		
Uses	Appliance Components		
	Automotive Applications		
	Bearings		
	Business Equipment		
	Consumer Applications		
	Conveyor Parts		
	Gears		
	Industrial Applications		
	Printer Parts		
	Pulleys		
	Rollers		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	3.6	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.10 to 0.20	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	19100	MPa	ISO 527
Tensile Strength ² (Break)	162	MPa	ISO 527
Tensile Elongation ³ (Break)	1.0 to 2.0	%	ISO 527
Flexural Modulus	13600	MPa	ISO 178
Flexural Strength	210	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.5	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength	21	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Annealed	260	°C	ISO 75-2/B
1.8 MPa, Annealed	240	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature	71.1 to 82.2	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	288 to 299	°C	
Mold Temperature	65.6 to 93.3	°C	
NOTE			
1.	Type I, 5.0 mm/min		
2.	Type I, 5.0 mm/min		
3.	Type I, 5.0 mm/min		

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