LubriOne™ X4 LB6600-5002 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	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		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.14	g/cm^3	ISO 1183
Molding Shrinkage - Flow [1] (23°C, 4.00 mm)	0.80 to 1.3	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3700	MPa	ISO 527-2
Tensile Stress (Break)	90.0	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	5.5	kJ/m^2	ISO 179
Charpy Unnotched Impact Strength	55	kJ/m^2	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**

Heat Deflection Temperature (1.8 MPa, Unannealed)	79.0	°C	ISO 75-2/A

Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	3.0 to 4.0	hr
Processing (Melt) Temp	270 to 290	°C
Mold Temperature	40.0 to 80.0	°C

NOTE	
1.	Bergmann Methode

Recommended distributors for this material

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WECHAT