LubriOne™ AT-000/5T-2S NAT015

Acetal (POM) Copolymer

Key Characteristics

Product Description
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			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	
Features	• Copolymer	• Lubricated	
Uses	• Appliance Components	• Conveyor Parts	• Printer Parts
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.42	1.42	ASTM D792
Mechanical	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength [2] (Yield)	7380 psi	50.9 MPa	ASTM D638
Impact	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Notched Izod Impact			ASTM D256A
73°F (23°C), 0.252 in (6.40 mm), Injection Molded	1.2 ft·lb/in	66 J/m	

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	176 to 185 °F	80 to 85 °C
Drying Time	2.0 hr	2.0 hr
Processing (Melt) Temp	356 to 392 °F	180 to 200 °C
Mold Temperature	167 to 185 °F	75 to 85 °C

Notes

[1] Typical values are not to be construed as specifications.

[2] Type I, 2.0 in/min (50 mm/min)