



# 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 <sup>1</sup>

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 <sup>2</sup> (Yield)	7380 psi	50.9 MPa	ASTM D638
Impact	Typical Value (English)	Typical Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.252 in (6.40 mm), Injection Molded	1.2 ft-lb/in	66 J/m	ASTM D256A

### 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

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> Type I, 2.0 in/min (50 mm/min)

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