

**LubriOne™ AT-000/15T**

POM

Avient Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0215</b>	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Modulus	<b>2240</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>44.8</b>	MPa	ASTM D 638
Elongation at Break	<b>7.5</b>	%	ASTM D 638
Flexural Modulus	<b>2240</b>	MPa	ASTM D 790
Flexural Strength	<b>72.4</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>48</b>	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
DTUL @ 66 psi	<b>160</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>154</b>	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	<b>0.15</b>	%	ASTM D 570
Density	<b>1480</b>	kg/m <sup>3</sup>	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	<b>188 - 210</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Additives**

Lubricants

**Features**

Tribologic Grade, Copolymer

**Applications**

Automotive, IT / Business Machine

**Regional Availability**

Europe, Asia Pacific, South and Central America, Near East/Africa