

**Plaslube® POM HO AF10 TL10 L BK**

Techmer Polymer Modifiers - Acetal (POM) Homopolymer

**General Information**
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Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>North America</li> </ul>
Additive	<ul style="list-style-type: none"> <li>Lubricant</li> </ul>
Features	<ul style="list-style-type: none"> <li>Lubricated</li> </ul>
Appearance	<ul style="list-style-type: none"> <li>Black</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Injection Molding</li> </ul>

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.44		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.010 to 0.015	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	390000	psi	ASTM D638
Tensile Strength (Yield)	5800	psi	ASTM D638
Tensile Strength (Break)	5500	psi	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	0.60	ft·lb/in	ASTM D256

**Processing Information**

Injection	Nominal Value	Unit
Drying Temperature	170	°F
Drying Time	1.0 to 2.0	hr
Rear Temperature	340 to 380	°F
Middle Temperature	350 to 390	°F
Front Temperature	360 to 410	°F
Nozzle Temperature	370 to 420	°F
Processing (Melt) Temp	355 to 420	°F
Mold Temperature	75 to 150	°F
Injection Rate	Slow-Moderate	
Back Pressure	50.0 to 100	psi
Screw Speed	Slow-Moderate	

