

**Plaslube® PA6/6 8111**

 Techmer Polymer Modifiers - *Polyamide 66*
**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>Natural Color</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	1.15		ASTM D792
Molding Shrinkage - Flow (0.125 in)	6.0E-3 to 8.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	490000	psi	ASTM D638
Tensile Strength (Yield)	11200	psi	ASTM D638
Tensile Strength (Break)	11000	psi	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	0.50	ft-lb/in	ASTM D256

**Processing Information**

Injection	Nominal Value	Unit
Drying Temperature	180	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	490 to 530	°F
Middle Temperature	500 to 540	°F
Front Temperature	510 to 550	°F
Nozzle Temperature	520 to 560	°F
Processing (Melt) Temp	500 to 560	°F
Mold Temperature	150 to 250	°F
Injection Rate	Slow-Moderate	
Back Pressure	25.0 to 75.0	psi
Screw Speed	Slow	

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

