

**Plaslube® NY-1/SI/5**

 Techmer Polymer Modifiers - *Polyamide 66*
**General Information**
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Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Additive	• Silicone Lubricant: 5%
Features	• Lubricated
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Injection Molding

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

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.16		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.015	in/in	ASTM D955
Water Absorption (24 hr)	1.0	%	ASTM D570
<b>Mechanical</b>			
Tensile Strength (Break, 73°F)	8500	psi	ASTM D638
Flexural Modulus	300000	psi	ASTM D790
Flexural Strength (Break, 73°F)	15000	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (73°F, 0.125 in)	1.0	ft·lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	170	°F	ASTM D648
CLTE - Flow	3.5E-5	in/in/°F	ASTM D696

**Notes**

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

