

Plaslube® NY-1/MS/5

 Techmer Polymer Modifiers - *Polyamide 66*
General Information
General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Additive	• Molybdenum Disulfide Lubricant: 5%
Features	• Lubricated
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.18		ASTM D792
Molding Shrinkage - Flow	0.010	in/in	ASTM D955
Water Absorption (24 hr)	1.2	%	ASTM D570
Mechanical			
Tensile Strength (Yield)	11500	psi	ASTM D638
Flexural Modulus	420000	psi	ASTM D790
Flexural Strength (Yield)	15000	psi	ASTM D790
Coefficient of Friction (vs. Steel - Static)	0.28		ASTM D1894
Impact			
Notched Izod Impact	0.90	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	240	°F	ASTM D648
CLTE - Flow	2.9E-5	in/in/°F	ASTM D696
RTI Elec (0.028 in)	149	°F	UL 746B
RTI Imp (0.028 in)	149	°F	UL 746B
RTI Str (0.028 in)	149	°F	UL 746B
Flammability			
Flame Rating (0.028 in)	HB		UL 94

Notes
¹ Typical properties: these are not to be construed as specifications.
