Monday, May 11, 2026

Plaslube® NY-6/MS/M

Techmer Polymer Modifiers - *Polyamide 12*

Units SI

Action **Legend (Open)**

General Information

General	
Material Status	• Commercial: Active
Availability	• North America
Additive	• Molybdenum Disulfide Lubricant
Features	• Lubricated
Appearance	• Natural Color
Processing Method	• Injection Molding

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.03	g/cm³	ISO 1183
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	37.9	MPa	ISO 527-2
Tensile Stress (Break)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2
Flexural Modulus	1250	MPa	ISO 178
Flexural Stress	44.8	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.18 mm)	640	J/m	ISO 180

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	82	°C
Drying Time	2.0 to 3.0	hr
Rear Temperature	232 to 260	°C
Middle Temperature	238 to 266	°C
Front Temperature	243 to 271	°C
Nozzle Temperature	249 to 277	°C
Processing (Melt) Temp	238 to 271	°C
Mold Temperature	66 to 107	°C
Injection Rate	Slow-Moderate	
Back Pressure	0.345 to 0.689	MPa
Screw Speed	Moderate	

Notes

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

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