

Plaslube® NY-1/SI/5

Polyamide 66

Techmer Engineered Solutions

Message:

Plaslube® NY-1/SI/5 is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

RoHS Compliant

Lubricated

General Information			
Additive	Silicone Lubricant (5%)		
Features	Lubricated		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.5	%	ASTM D955
Water Absorption (24 hr)	1.0	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	58.6	MPa	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength (Break, 23°C)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.7	°C	ASTM D648
CLTE - Flow	6.3E-5	cm/cm/°C	ASTM D696

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Recommended distributors for this material

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