

Plaslube® PA6/6,6 109 L

Polyamide 66/6 Copolymer
Techmer Engineered Solutions

Message:

Plaslube® PA6/6,6 109 L is a Polyamide 66/6 Copolymer (Nylon 66/6) product. It can be processed by injection molding and is available in North America. Characteristics include:
Flame Rated
Copolymer
Lubricated

General Information			
Additive	Lubricant		
Features	Copolymer		
	Lubricated		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.0	%	ASTM D955
Water Absorption (24 hr)	1.5	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	119		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	93.1	MPa	ASTM D638
Tensile Elongation (Yield)	30	%	ASTM D638
Flexural Modulus	2830	MPa	ASTM D790
Flexural Strength	110	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			ASTM D648
0.45 MPa, Unannealed	216	°C	
1.8 MPa, Unannealed	80.0	°C	
Melting Temperature	240	°C	
CLTE - Flow	7.2E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+13	ohms · cm	ASTM D257
Dielectric Strength ¹	17	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method

Flame Rating (3.00 mm)	V-2	UL 94
NOTE		

1.
- Method A (Short-Time)

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Recommended distributors for this material

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