

Plaslube® PA6/6,6 IM HS L

Polyamide 66/6 Copolymer
Techmer Engineered Solutions

Message:

Plaslube® PA6/6,6 IM HS 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
- Heat Stabilizer
- Impact Modified
- Impact Resistant

General Information			
Additive	Heat Stabilizer		
	Impact Modifier		
	Lubricant		
Features	Copolymer		
	Heat Stabilized		
	High Impact Resistance		
	Lubricated		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.2	%	ASTM D955
Water Absorption (24 hr)	1.6	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	119		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	55.2	MPa	ASTM D638
Tensile Elongation (Yield)	150	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	168	°C	

1.8 MPa, Unannealed	60.6	°C	
CLTE - Flow	9.9E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms·cm	ASTM D257
Dielectric Strength ¹	17	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94
NOTE			

1. Method A (Short-Time)

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