

Plaslube® PA6/6 TL20 HS L

Polyamide 66
Techmer Engineered Solutions

Message:

Plaslube® PA6/6 TL20 HS L is a Polyamide 66 (Nylon 66) product. It can be processed by injection molding and is available in North America. Characteristics include:
Heat Stabilizer
Lubricated
Wear Resistant

General Information			
Additive	Heat Stabilizer		
	PTFE Lubricant (20%)		
Features	Good Wear Resistance		
	Heat Stabilized		
	Lubricated		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	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)	55.8	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength	88.3	MPa	ASTM D790
Coefficient of Friction			ASTM D1894
vs. Steel - Dynamic	0.17		
vs. Steel - Static	0.11		
Wear Factor	24	10 ⁻⁸ mm ³ /N · m	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	32	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	249	°C	ASTM D648
CLTE - Flow	2.7E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method

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Recommended distributors for this material

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