

Plaslube® PA6/10 BK

Polyamide 610

Techmer Engineered Solutions

Message:

Plaslube® PA6/10 BK is a Polyamide 610 (Nylon 610) product. It can be processed by injection molding and is available in North America. Primary characteristic: flame rated.

General Information			
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.40	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	60.0	MPa	ASTM D638
Tensile Elongation (Yield)	100	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	175	°C	
1.8 MPa, Unannealed	66.1	°C	
CLTE - Flow	7.9E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	ASTM D257
Volume Resistivity	1.0E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94

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Recommended distributors for this material

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