

Plaslube® PA6/6 LX

 Techmer Polymer Modifiers - *Polyamide 66*
General Information
General

Material Status	• Commercial: Active
Availability	• North America
Features	• Low Friction • Wear Resistant
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.10		ASTM D792
Molding Shrinkage - Flow	0.018	in/in	ASTM D955
Water Absorption (24 hr)	1.2	%	ASTM D570
Mechanical			
Tensile Strength (Yield)	10000	psi	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	360000	psi	ASTM D790
Flexural Strength	17000	psi	ASTM D790
Impact			
Notched Izod Impact (0.125 in)	0.80	ft-lb/in	ASTM D256
Hardness			
Rockwell Hardness (M-Scale)	90		ASTM D785
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	366	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	185	°F	ASTM D648
CLTE - Flow	4.3E-5	in/in/°F	ASTM D696
Electrical			
Volume Resistivity	1.0E+13	ohms·cm	ASTM D257
Dielectric Strength (Method A (Short-Time))	550	V/mil	ASTM D149
Flammability			
Flame Rating (0.06 in)	HB		UL 94

Notes
¹ Typical properties: these are not to be construed as specifications.
