

Plaslube® PA6 E ML2 MB

 Techmer Polymer Modifiers - *Polyamide 6*
General Information
General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Molybdenum Disulfide Lubricant
Features	• Lubricated
Appearance	• Colors Available • Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.16		ASTM D792
Molding Shrinkage - Flow	0.012	in/in	ASTM D955
Water Absorption (24 hr)	1.6	%	ASTM D570
Mechanical			
Tensile Modulus	435000	psi	ASTM D638
Tensile Strength (Yield)	11500	psi	ASTM D638
Tensile Elongation (Break)	70	%	ASTM D638
Flexural Modulus	410000	psi	ASTM D790
Flexural Strength	15700	psi	ASTM D790
Compressive Strength	14000	psi	ASTM D695
Impact			
Notched Izod Impact (0.125 in)	2.0	ft·lb/in	ASTM D256
Hardness			
Rockwell Hardness (R-Scale)	119		ASTM D785
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	352	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	149	°F	ASTM D648
CLTE - Flow	4.6E-5	in/in/°F	ASTM D696
Electrical			
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Dielectric Strength (Method A (Short-Time))	460	V/mil	ASTM D149

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