

Plaslube® PA6/6,6 IM 3757

Techmer Polymer Modifiers - *Polyamide 66/6 Copolymer*

General Information

General			
Material Status	• Commercial: Active		
Availability	• North America		
Additive	• Heat Stabilizer	• Impact Modifier	• Lubricant
Features	• Copolymer	• Impact Modified	
	• Heat Stabilized	• Lubricated	
Appearance	• Colors Available		
Forms	• Pellets		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13		ASTM D792
Molding Shrinkage - Flow	0.015	in/in	ASTM D955
Water Absorption (24 hr)	1.6	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	10000	psi	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	385000	psi	ASTM D790
Flexural Strength (Yield)	14000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	5.0	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	114		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	420	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	160	°F	ASTM D648
CLTE - Flow	4.8E-5	in/in/°F	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Dielectric Strength (Method A (Short-Time))	440	V/mil	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

Notes

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

