

Plaslube® GF40 TL10 NAT

Techmer Polymer Modifiers - *Polyamide 66*

General Information

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Additive	• PTFE Lubricant
Features	• Lubricated
Appearance	• Natural Color
Processing Method	• Injection Molding

Properties ¹

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1.94E+6	psi	ASTM D638
Tensile Strength (Yield)	27900	psi	ASTM D638
Tensile Strength (Break)	27900	psi	ASTM D638
Tensile Elongation (Break)	2.8	%	ASTM D638
Flexural Modulus	1.89E+6	psi	ASTM D790
Flexural Strength	37500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	2.2	ft-lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180	°F
Drying Time	4.0	hr
Rear Temperature	520 to 540	°F
Middle Temperature	520 to 540	°F
Front Temperature	530 to 550	°F
Nozzle Temperature	520 to 540	°F
Processing (Melt) Temp	535 to 570	°F
Mold Temperature	150 to 180	°F
Injection Rate	Slow	
Back Pressure	0.00 to 50.0	psi
Screw Speed	Slow-Moderate	

Notes

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

