

Plaslube® POM CO TL2 BK

Techmer Polymer Modifiers - Acetal (POM) Copolymer

General Information

Product Description

9218114

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• PTFE Lubricant
Features	• Copolymer • Lubricated • Low Friction • Wear Resistant
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

 Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8690	psi	ASTM D638
Tensile Elongation (Break)	33	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	79		ASTM D785
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	5.5E-5	in/in/°F	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+14	ohms·cm	ASTM D257
Dielectric Strength (Method A (Short-Time))	500	V/mil	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180	°F
Drying Time	1.0 to 2.0	hr
Suggested Max Moisture	0.20	%
Rear Temperature	350 to 370	°F
Middle Temperature	370 to 390	°F
Front Temperature	360 to 380	°F
Nozzle Temperature	350 to 370	°F
Processing (Melt) Temp	370 to 400	°F
Mold Temperature	170 to 200	°F
Injection Rate	Moderate-Fast	
Back Pressure	50.0 to 100	psi

Injection Notes

Screw Speed: Medium
 Recommendations for Molding and Tool Conditions: Well vented
 Moisture Content, as received: Product is packaged at 0.2% or less.
 Drying not normally required. Dry at 180°F for 1 to 2 hours if necessary.

