

Plaslube® J-1300/30/TF/15

 Techmer Polymer Modifiers - *Polyphenylene Sulfide*
General Information
General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• PTFE Lubricant: 15%
Features	• Lubricated
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.65		ASTM D792
Molding Shrinkage - Flow	1.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	16000	psi	ASTM D638
Flexural Modulus	1.30E+6	psi	ASTM D790
Flexural Strength (Yield)	22000	psi	ASTM D790
Coefficient of Friction (vs. Steel - Static)	0.15		ASTM D1894
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.0	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	500	°F	ASTM D648

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	325	°F
Drying Time	4.0	hr
Rear Temperature	550 to 580	°F
Middle Temperature	600 to 650	°F
Front Temperature	590 to 630	°F
Nozzle Temperature	600 to 630	°F
Processing (Melt) Temp	615 to 640	°F
Mold Temperature	265 to 325	°F

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