

Plaslube® J-1300/30/TF/15

Techmer Polymer Modifiers - *Polyphenylene Sulfide*

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North 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	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10	%	ASTM D955
Water Absorption (24 hr)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	110	MPa	ASTM D638
Flexural Modulus	8960	MPa	ASTM D790
Flexural Strength (Yield)	152	MPa	ASTM D790
Coefficient of Friction (vs. Steel - Static)	0.15		ASTM D1894
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	260	°C	ASTM D648

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	163	°C
Drying Time	4.0	hr
Rear Temperature	288 to 304	°C
Middle Temperature	316 to 343	°C
Front Temperature	310 to 332	°C
Nozzle Temperature	316 to 332	°C
Processing (Melt) Temp	324 to 338	°C
Mold Temperature	129 to 163	°C

