

Plaslube® PPS-1305/TF/20/NAT

Polyphenylene Sulfide

Techmer Engineered Solutions

Message:

Plaslube® PPS-1305/TF/20/NAT is a Polyphenylene Sulfide (PPS) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

RoHS Compliant

Lubricated

Wear Resistant

General Information			
Additive	PTFE Lubricant (20%)		
Features	Good Wear Resistance		
	Lubricated		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	51.7	MPa	ASTM D638
Tensile Elongation (Yield)	2.5	%	ASTM D638
Flexural Modulus	3380	MPa	ASTM D790
Flexural Strength (Yield)	82.7	MPa	ASTM D790
Coefficient of Friction (vs. Steel - Static)	0.30		ASTM D1894
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	113	°C	ASTM D648
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	

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Recommended distributors for this material

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