

TEDUR® L 9107-1 S

Polyphenylene Sulfide

ALBIS PLASTIC GmbH

Message:

TEDUR® L 9107-1 S is a Polyphenylene Sulfide (PPS) product filled with 40% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Engineering/Industrial Parts.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Good Toughness

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Minimal Flash		
	Ultra High Toughness		
Uses	Machine/Mechanical Parts		
	Pump Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.65	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	14000	MPa	ISO 178
Flexural Stress	300	MPa	ISO 178
Flexural Strain at Flexural Strength	2.4	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	270	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.750 mm)	V-0		UL 94
Glow Wire Flammability Index (2.00 mm)	960	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	130 to 140	°C	
Drying Time	2.0 to 4.0	hr	

Processing (Melt) Temp	320 to 340	°C
Mold Temperature	> 140	°C

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Recommended distributors for this material

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