

TEDUR® L 9422-1

Polyphenylene Sulfide
ALBIS PLASTIC GmbH

Message:

TEDUR® L 9422-1 is a Polyphenylene Sulfide (PPS) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of TEDUR® L 9422-1 include engineering/industrial parts and automotive.

Characteristics include:

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

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	PTFE Lubricant (15%)		
Features	Good Wear Resistance		
	High Stiffness		
	Ultra High Toughness		
Uses	Automotive Applications		
	Bearings		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.66	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12000	MPa	ISO 527-2
Tensile Stress (Break)	155	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	10500	MPa	ISO 178
Flexural Stress	230	MPa	ISO 178
Flexural Strain at Flexural Strength	2.0	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	50	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	275	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94

1.50 mm	V-0	
3.00 mm	V-0	
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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