

TEDUR® L 9113-2

Polyphenylene Sulfide
ALBIS PLASTIC GmbH

Message:

TEDUR® L 9113-2 is a Polyphenylene Sulfide (PPS) product filled with 60% glass fiber. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Applications of TEDUR® L 9113-2 include automotive and engineering/industrial parts.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- High Stiffness

General Information			
Filler / Reinforcement	Glass Fiber,60% Filler by Weight		
Features	High Stiffness		
Uses	Automotive Applications		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.87	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	22600	MPa	ISO 178
Flexural Stress	230	MPa	ISO 178
Flexural Strain at Flexural Strength	1.1	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	24	kJ/m²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	279	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+ 14	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
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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