

TEDUR® L 9114-1

Polyphenylene Sulfide

ALBIS PLASTIC GmbH

Message:

TEDUR® L 9114-1 is a polyphenylene sulfide (PPS) product, which contains a 60% glass fiber reinforced material. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. TEDUR® The application areas of L 9114-1 include engineering/industrial parts and automobile industry.

Features include:

Comply with REACH standard

ROHS certification

High stiffness

Good toughness

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 60% filler by weight		
Features	Rigidity, high		
	Good toughness		
Uses	Machine/mechanical parts		
	Application in Automobile Field		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.90	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	23000	MPa	ISO 178
Flexural Stress	300	MPa	ISO 178
Flexural Deflection at Max Force	1.5	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	35	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	260	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	130 - 140	°C	
Drying Time - Desiccant Dryer	2.0 - 4.0	hr	
Processing (Melt) Temp	320 - 340	°C	
Mold Temperature	> 140	°C	

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Recommended distributors for this material

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