

TEDUR® L 9214-1

Polyphenylene Sulfide

ALBIS PLASTIC GmbH

Message:

TEDUR® L 9214-1 is a Polyphenylene Sulfide (PPS) product filled with 45% glass fiber and 20% mineral. It is available in Asia Pacific, Europe, or North America. Applications of TEDUR® L 9214-1 include automotive, engineering/industrial parts, lighting applications and reflectors.

Characteristics include:

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

General Information			
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
	Mineral,20% Filler by Weight		
Features	High Stiffness		
Uses	Automotive Applications		
	Lighting Applications		
	Machine/Mechanical Parts		
	Reflectors		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.96	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	22000	MPa	ISO 178
Flexural Stress	220	MPa	ISO 178
Flexural Strain at Flexural Strength	1.1	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	25	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	280	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	150	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	V-0		
1.50 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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