

TEDUR® L 9217-1 S

Polyphenylene Sulfide
ALBIS PLASTIC GmbH

Message:

TEDUR® L 9217-1 S is a Polyphenylene Sulfide (PPS) product filled with 65% glass\mineral. It is available in Asia Pacific, Europe, or North America. Applications of TEDUR® L 9217-1 S include automotive, engineering/industrial parts and lighting applications. Characteristics include:

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

General Information			
UL YellowCard	E80168-100972062		
Filler / Reinforcement	Glass\Mineral,65% Filler by Weight		
Features	High Stiffness		
	Hydrolysis Resistant		
Uses	Automotive Applications		
	Lighting Applications		
	Machine/Mechanical Parts		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.97	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	19200	MPa	ISO 527-2
Tensile Stress (Break)	140	MPa	ISO 527-2
Tensile Strain (Break)	1.0	%	ISO 527-2
Flexural Modulus	19100	MPa	ISO 178
Flexural Stress	235	MPa	ISO 178
Flexural Strain at Flexural Strength	1.4	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	28	kJ/m²	ISO 179/1eU
Unnotched Izod Impact Strength	25	kJ/m²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	260	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	250	V	IEC 60112

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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