

TEDUR® L 9200-1

Polyphenylene Sulfide
ALBIS PLASTIC GmbH

Message:

TEDUR® L 9200-1 is a Polyphenylene Sulfide (PPS) product filled with 60% glass\mineral. It is available in Asia Pacific, Europe, or North America. Applications of TEDUR® L 9200-1 include automotive and sealing applications. Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant
Good Toughness

General Information			
UL YellowCard	E80168-100092595		
Filler / Reinforcement	Glass\Mineral,60% Filler by Weight		
Features	Ultra High Toughness		
Uses	Automotive Applications		
	Seals		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.90	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17000	MPa	ISO 527-2
Tensile Stress (Break)	150	MPa	ISO 527-2
Tensile Strain (Break)	1.4	%	ISO 527-2
Flexural Modulus	17000	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Flexural Strain at Flexural Strength	1.6	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	8.0	kJ/m²	
-30°C	7.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	30	kJ/m²	
-30°C	30	kJ/m²	
Unnotched Izod Impact Strength	30	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	225	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	V-0		
1.50 mm	V-0		
Glow Wire Flammability Index			IEC 60695-2-12
1.00 mm	960	°C	
2.00 mm	960	°C	
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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