

TEDUR® L 9310-4

Polyphenylene Sulfide

ALBIS PLASTIC GmbH

Message:

TEDUR® L 9310-4 is a Polyphenylene Sulfide (PPS) product filled with glass bead\mineral. It is available in Asia Pacific, Europe, or North America. Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant
Good Aesthetics

General Information			
Filler / Reinforcement	Glass Bead\Mineral		
Features	Good Surface Finish		
	Platable		
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	11000	MPa	ISO 527-2
Tensile Stress (Break)	50.0	MPa	ISO 527-2
Tensile Strain (Break)	0.50	%	ISO 527-2
Flexural Modulus	10700	MPa	ISO 178
Flexural Stress	87.0	MPa	ISO 178
Flexural Strain at Flexural Strength	0.90	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	2.0	kJ/m²	
-30°C	2.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	9.0	kJ/m²	
-30°C	9.0	kJ/m²	
Unnotched Izod Impact Strength	8.0	kJ/m²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	240	°C	ISO 75-2/B
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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