

TEDUR® L 9523

Polyphenylene Sulfide
ALBIS PLASTIC GmbH

Message:

TEDUR® L 9523 is a Polyphenylene Sulfide (PPS) product filled with 60% glass\mineral. It is available in Asia Pacific, Europe, or North America. Typical application: Reflectors.
Characteristics include:
Flame Rated
REACH Compliant
RoHS Compliant
Good Aesthetics
High Stiffness

General Information			
Filler / Reinforcement	Glass\Mineral,60% Filler by Weight		
Features	Good Surface Finish		
	High Stiffness		
Uses	Reflectors		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.93	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	20500	MPa	ISO 527-2
Tensile Stress (Break)	115	MPa	ISO 527-2
Tensile Strain (Break)	1.0	%	ISO 527-2
Flexural Modulus	20000	MPa	ISO 178
Flexural Stress	180	MPa	ISO 178
Flexural Strain at Flexural Strength	1.0	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	4.0	kJ/m²	
-30°C	4.0	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	15	kJ/m²	
-30°C	18	kJ/m²	
Unnotched Izod Impact Strength	15	kJ/m²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	260	°C	ISO 75-2/B
Electrical	Nominal Value	Unit	Test Method

Comparative Tracking Index	250	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	V-0		
1.50 mm	V-0		
--	5VA		
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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