

TEDUR® L 9560-3 S

Polyphenylene Sulfide

ALBIS PLASTIC GmbH

Message:

TEDUR® L 9560-3 S is a Polyphenylene Sulfide (PPS) product filled with 10% glass fiber and 40% mineral. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Reflectors.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Good Aesthetics
- Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
	Mineral,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Surface Finish		
	Heat Stabilized		
	Platable		
Uses	Reflectors		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.81	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11000	MPa	ISO 527-2
Tensile Stress (Break)	100	MPa	ISO 527-2
Tensile Strain (Break)	1.2	%	ISO 527-2
Flexural Modulus	10000	MPa	ISO 178
Flexural Stress	140	MPa	ISO 178
Flexural Strain at Flexural Strength	1.5	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	18	kJ/m ²	ISO 180/1U
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	V-0		
1.50 mm	V-0		
3.00 mm	V-0		

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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