

TEDUR® L 9560 S

Polyphenylene Sulfide

ALBIS PLASTIC GmbH

Message:

TEDUR® L 9560 S is a Polyphenylene Sulfide (PPS) product filled with 50% 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
- High Gloss

General Information			
Filler / Reinforcement	Mineral,50% Filler by Weight		
Features	Good Surface Finish		
	High Gloss		
	Platable		
Uses	Reflectors		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.82	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ISO 527-2
Tensile Stress (Break)	65.0	MPa	ISO 527-2
Tensile Strain (Break)	0.80	%	ISO 527-2
Flexural Modulus	8300	MPa	ISO 178
Flexural Stress	110	MPa	ISO 178
Flexural Strain at Flexural Strength	1.5	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	3.0	kJ/m ²	
-30°C	3.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	11	kJ/m ²	
-30°C	11	kJ/m ²	
Unnotched Izod Impact Strength	14	kJ/m ²	ISO 180/1U
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	175	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 - Desiccant Dryer	130 to 140	°C	
Drying Time - Desiccant Dryer	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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

