

Albis Plastics Tedur® L V 9400-1 PPS, 15% Carbon Fiber (discontinued **)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS) with 20% Carbon Fiber Filler

Material Notes:

High Electrical and Thermal Conductivity, Long-term Anti-static Properties. Incandescent wire resistance (2 mm) is 960°C per VDE 0471

T1.2.Applications: Clutch Components, BushingsProcessing: Injection Molding (Melt Temperature: 610-645°F, Mold Temperature:

285°F)Tedur® is manufactured by Albis Plastics Corporation under license of the registered trademark owner (Bayer.) Data supplied by

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Order this product through the following link:

http://www.lookpolymers.com/polymer_Albis-Plastics-Tedur-L-V-9400-1-PPS-15-Carbon-Fiber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in³	DIN 53 47

Mechanical Properties	Metric	English	Comments
Elongation at Break	2.5 %	2.5 %	DIN 53 455
Flexural Yield Strength	230 MPa	33400 psi	DIN 53 452
Flexural Modulus	13.5 GPa	1960 ksi	DIN 53 457
Izod Impact, Notched	1.98 J/cm	3.71 ft-lb/in	Approximation; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	260 °C	500 °F	ASTM D648
Flammability, UL94	V-0	V-0	Albis North America Internal Test

Electrical Properties	Metric	English	Comments
Surface Resistance	<= 200 ohm	<= 200 ohm	DIN 53 482

Processing Properties	Metric	English	Comments
Melt Temperature	321 - 341 °C	610 - 646 °F	Injection
Mold Temperature	141 °C	286 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China