

Albis Plastics Tedur® L 9521-1 PPS, 60% Glass Fiber/Mineral (discontinued **)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS), Mineral/Glass-Fiber Filled

Material Notes:

Extremely Rigid. Incandescent wire resistance (2 mm) is 960°C per VDE 0471 T1.2. Applications: Sockets, Plugs and Handles Processing: 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 Albis Plastics Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Albis-Plastics-Tedur-L-9521-1-PPS-60-Glass-FiberMineral-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.93 g/cc	0.0697 lb/in ³	DIN 53 47

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	125 MPa	18100 psi	DIN 53 455
Elongation at Break	1.0 %	1.0 %	DIN 53 455
Modulus of Elasticity	19.5 GPa	2830 ksi	DIN 53 457
Flexural Yield Strength	180 MPa	26100 psi	DIN 53 452
Flexural Modulus	18.5 GPa	2680 ksi	DIN 53 457
Izod Impact, Notched	1.28 J/cm	2.40 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	

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

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