

Albis Plastics Tedur® L 9512 PPS, 45% Glass Fiber (discontinued **)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS) with 50% Glass Fiber Filler

Material Notes:

Good-flow Embedding Compound. Incandescent wire resistance (2 mm) is 960°C per VDE 0471 T1.2. Applications: Embedding of Microchips and Electronic Components 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-9512-PPS-45-Glass-Fiber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.72 g/cc	0.0621 lb/in ³	DIN 53 47

Mechanical Properties	Metric	English	Comments
Flexural Yield Strength	220 MPa	31900 psi	DIN 53 452
Flexural Modulus	13.5 GPa	1960 ksi	DIN 53 457
Izod Impact, Notched	2.51 J/cm	4.70 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

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

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