

Albis Plastics Tedur® P 9519 PPS, ~45% Glass Fiber (black only)

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

Material Notes:

Compounded Regrind and/or Production Scrap, Excellent Cost-Performance Ratio. Incandescent wire resistance (2 mm) is 960°C per VDE 0471 T1.2. Applications: Handles, Fixing Elements 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-P-9519-PPS-45-Glass-Fiber-black-only.php

Physical Properties	Metric	English	Comments
Density	1.70 g/cc	0.0614 lb/in ³	DIN 53 47

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	DIN 53 455
Elongation at Break	1.6 %	1.6 %	DIN 53 455
Modulus of Elasticity	16.0 GPa	2320 ksi	DIN 53 457
Flexural Yield Strength	240 MPa	34800 psi	DIN 53 452
Flexural Modulus	14.0 GPa	2030 ksi	DIN 53 457
Izod Impact, Notched	2.99 J/cm	5.60 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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