

Albis Plastics Tedur® P 9529 PPS, ~55% Glass Fiber/Mineral (black only)

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

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: Lamp Holders, Lamp Sockets 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-9529-PPS-55-Glass-FiberMineral-black-only.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in ³	DIN 53 47

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	170 MPa	24700 psi	DIN 53 455
Modulus of Elasticity	17.0 GPa	2470 ksi	DIN 53 457
Flexural Yield Strength	135 MPa	19600 psi	DIN 53 452
Flexural Modulus	15.5 GPa	2250 ksi	DIN 53 457
Izod Impact, Notched	1.17 J/cm	2.19 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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