

Albis Plastics Tedur® L V 9200-1 PPS, 60% Glass Fiber/Mineral (discontinued **)

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

Material Notes:

Mineral-filled Grade with Improved Impact Strength, Low Mold Temp. Incandescent wire resistance (2 mm) is 960°C per VDE 0471

T1.2.Applications: Shaft Seals, FlangesProcessing: 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-V-9200-1-PPS-60-Glass-FiberMineral-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in³	DIN 53 47

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	180 MPa	26100 psi	DIN 53 455
Elongation at Break	1.7 %	1.7 %	DIN 53 455
Modulus of Elasticity	17.0 GPa	2470 ksi	DIN 53 457
Flexural Yield Strength	250 MPa	36300 psi	DIN 53 452
Flexural Modulus	17.0 GPa	2470 ksi	DIN 53 457
Compressive Yield Strength	172 MPa	24900 psi	ASTM D695
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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