

Albis Plastics Tedur® L 9560 PPS, 50% Mineral

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

High Gloss, Highest Surface Finish, Metallization w/o Base Coating. Incandescent wire resistance (2 mm) is 960°C per VDE 0471

T1.2.Applications: Various High Temperature Reflectors 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-9560-PPS-50-Mineral.php

Physical Properties	Metric	English	Comments
Density	1.82 g/cc	0.0658 lb/in ³	DIN 53 47

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	50.0 MPa	7250 psi	DIN 53 455
Elongation at Break	0.50 %	0.50 %	DIN 53 455
Modulus of Elasticity	7.80 GPa	1130 ksi	DIN 53 457
Flexural Yield Strength	75.0 MPa	10900 psi	DIN 53 452
Flexural Modulus	13.0 GPa	1890 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)	196 °C	385 °F	ASTM D648
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	175 V	175 V	IEC 112

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

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