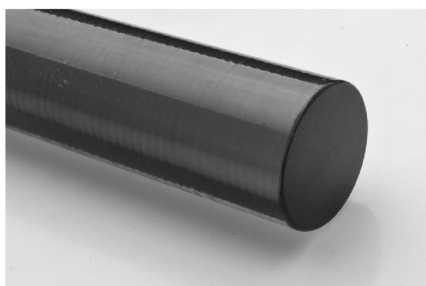


Arolux® PPS



Arolux® PPS Polyphenylene Sulfide is a high performance, semi-crystalline thermoplastic that is inherently flame retardant and offers resistance to organic solvents and a wide range of acids even at elevated temperatures. Arolux® PPS is a good choice for bearing and wear applications, and with a continuous use temperature over 420°F, is well-suited for structural applications that operate at elevated temperatures.

INDUSTRY



Chemical Process





Engineering

COLORS AVAILABLE



Black

ATTRIBUTES

	Heat Resistant	✓
	Chemical Resistance	✓
	Dielectric Properties	✓
	Wear Resistance	✓

SHAPES

Extruded Rod	✓
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Arolux® PPS

TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Thermal			
HDT @ 264 psi	D648	203 °F	95 °C
HDT @ 64 psi	D648	266 °F	130 °C
Physical			
Moisture Absorption	D570	0.1 %	0.1%
Specific Gravity	D792	1.3	1.3
Electrical			
Volume Resistivity	D257	1 x 10 ¹⁵	1 x 10 ¹⁵

*Data above is based on testing of injection molded test specimens

Arolux® PPS

PRODUCT SHAPES & DIMENSIONS

Rods: 48"L (122cm)

2.25" (57.15mm) 2.50" (63.5mm)

Rods: 96"L (244cm)

1" (25.4mm) 1.25" (31.75mm) 1.50" (38.1mm) 1.75" (44.45mm) 2" (50.8mm)

LAST REVISED: 09/05/2023

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