

Lehmann & Voss LUVOCOM® 1301-7836 PPS, linear, with glass fiber, lubricant modified

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS) , Polyphenylene Sulfide (PPS) with 10% Glass Fiber Filler

Material Notes:

Applications: Automotive industry, textile-and office machinery, medical- and precision engineering.Low warpage, isotropic shrinkage characteristics.Chemical and hydrolysis resistance parts.High dimensionally stable precision parts, high continuous use temperature.Especially suitable for medical parts, superheated steam sterilizable, hydrolysis resistanceInformation provided by Lehmann & Voss & Co.KG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lehmann-Voss-LUVOCOM-1301-7836-PPS-linear-with-glass-fiber-lubricant-modified.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.74 g/cc	1.74 g/cc	ISO 1183
Water Absorption	<= 0.20 %	<= 0.20 %	23Â°C/24h
Linear Mold Shrinkage	0.0070 - 0.011 cm/cm	0.0070 - 0.011 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Stress	65.0 MPa	9430 psi	
Elongation at Yield	1.5 %	1.5 %	
	1.8 %	1.8 %	flexural
Modulus of Elasticity	8.00 GPa	1160 ksi	
Flexural Strength	95.0 MPa	13800 psi	
Flexural Modulus	7.00 GPa	1020 ksi	
Charpy Impact Unnotched	1.00 J/cmÂ²	4.76 ft-lb/inÂ²	flatwise; ISO 179 1fU

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	220 Â°C	428 Â°F	
	240 Â°C	464 Â°F	short term

Electrical Properties	Metric	English	Comments
Surface Resistance	>= 1.00e+12 ohm	>= 1.00e+12 ohm	
Insulation Resistance	>= 1.00e+12 ohm	>= 1.00e+12 ohm	

Processing Properties	Metric	English	Comments
Processing Temperature	330 Â°C	626 Â°F	mass temp
Nozzle Temperature	320 - 340 Â°C	608 - 644 Â°F	
Zone 1	300 - 320 Â°C	572 - 608 Â°F	
Zone 2	310 - 330 Â°C	590 - 626 Â°F	
Zone 3	320 - 340 Â°C	608 - 644 Â°F	
Mold Temperature	150 - 180 Â°C	302 - 356 Â°F	
Drying Temperature	50.0 - 90.0 Â°C @Time >=14400 sec	122 - 194 Â°F @Time >=4.00 hour	
	100 - 140 Â°C @Time 7200 - 14400 sec	212 - 284 Â°F @Time 2.00 - 4.00 hour	Dehumidifying dryer

Descriptive Properties	Value	Comments
Color	black	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China