

Lehmann & Voss PLASLUBE NY-1/TF/20/BK Polyamide 66, with PTFE

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, PTFE Filled

Material Notes:

Applications: Automotive industry, textile- and office machinery, apparatus- and precision engineering. Improved friction and wear behaviour. Emergency running property. Isotropic shrinkage characteristics. Bearings, sleeves, sliding elements, control disks, gear wheels, duty parts in switches. Information provided by Lehmann & Voss & Co.KG

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lehmann-Voss-PLASLUBE-NY-1TF20BK-Polyamide-66-with-PTFE.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ISO 1183
Water Absorption	<= 1.0 %	<= 1.0 %	23Â°C/24h
Linear Mold Shrinkage	0.015 - 0.025 cm/cm	0.015 - 0.025 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Stress	65.0 MPa	9430 psi	
Elongation at Yield	6.0 %	6.0 %	
Modulus of Elasticity	2.80 GPa	406 ksi	
Charpy Impact Unnotched	4.50 J/cmÂ²	21.4 ft-lb/inÂ²	flatwise; ISO 179 1fU
	4.00 J/cmÂ² @Temperature -30.0 Â°C	19.0 ft-lb/inÂ² @Temperature -22.0 Â°F	ISO 179
Coefficient of Friction, Dynamic	0.19	0.19	
Coefficient of Friction, Static	0.13	0.13	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 Â°C	212 Â°F	
	140 Â°C	284 Â°F	short term
Deflection Temperature at 1.8 MPa (264 psi)	80.0 Â°C	176 Â°F	
Vicat Softening Point	240 Â°C	464 Â°F	DIN ISO 306

Processing Properties	Metric	English	Comments
Processing Temperature	290 Â°C	554 Â°F	mass temp

Processing Properties	Metric	English	Comments
Nozzle Temperature	280 - 300 Å°C	536 - 572 Å°F	
Zone 1	290 - 310 Å°C	554 - 590 Å°F	
Zone 2	290 - 310 Å°C	554 - 590 Å°F	
Zone 3	290 - 310 Å°C	554 - 590 Å°F	
Mold Temperature	90.0 - 120 Å°C	194 - 248 Å°F	
Drying Temperature	75.0 Å°C @Time 21600 - 57600 sec	167 Å°F @Time 6.00 - 16.0 hour	Dehumidifying dryer
	105 Å°C @Time 14400 - 21600 sec	221 Å°F @Time 4.00 - 6.00 hour	Vacuum 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