

Saint-Gobain Tygon® S3,ç Silver Antimicrobial Tubing

Category : Polymer , Thermoplastic

Material Notes:

Plasticizer-free inner bore
Formulated with a silver based compound on I.D. surface
O.D. surface can also be formulated with a silver based compound
Reduces formulation of biofilm and mildew
Inhibits growth of microbes
Will not discolor
Meets FDA and NSF 51 criteria
Contains no chemicals listed in California's Prop 65
Contains no BPA or phthalates
Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Tygon-S3-Silver-Antimicrobial-Tubing.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D792
Water Absorption	<= 0.010 %	<= 0.010 %	ASTM D570
	@Temperature 22.8 Å°C, Time 86400 sec	@Temperature 73.0 Å°F, Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	69	69	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	15.9 MPa	2300 psi	ASTM D412
Tensile Strength, Yield	6.83 MPa	990 psi	
	@Strain 100 %	@Strain 100 %	
Elongation at Break	350 %	350 %	ASTM D412
Tear Strength	43.8 kN/m	250 pli	ASTM D1004
Compression Set	63 %	63 %	ASTM D395 Method B
	@Temperature 70.0 Å°C, Time 79200 sec	@Temperature 158 Å°F, Time 22.0 hour	
Tensile Set	63 %	63 %	ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	73.9 Å°C	165 Å°F	
Brittleness Temperature	-35.0 Å°C	-31.0 Å°F	ASTM D746

Compliance Properties	Metric	English	Comments
-----------------------	--------	---------	----------

<small>FDA</small> Compliance Properties	<small>Yes</small> Metric	<small>Yes</small> English	Comments
NSF	Yes	Yes	

Descriptive Properties	Value	Comments
Color	Translucent Silver	

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