

Saint-Gobain Tygon® Norprene® A-60-F I.B. Pressure Tubing Formulation for CIP and SIP cleaning and sterilization systems

Category : Polymer , Thermoplastic

Material Notes:

Good for use in clean-in-place and steam-in-place cleaning and sterilization systems, Norprene® Pressure Tubing has excellent alkali resistance and is compatible with numerous oxidizing agents such as hydrogen peroxide, sodium hypochlorite and ozone. Norprene® Pressure Tubing fully complies with FDA 177.2600 criteria, 3A Sanitary Standards and NSF Standard 51, which are applicable to many food contact applications. Norprene® Pressure Tubing exhibits excellent resistance to ozone and UV light, with little or no signs of deterioration in laboratory testing equivalent to 10 years of outdoor exposure. Norprene® Pressure Tubing provides long service life when exposed to heat, abrasion and pressure. It is temperature resistant up to 275°F and retains flexibility to -60°F. Features and Benefits
 Handles at least 4 times the pressure of non-reinforced tubing Temperature resistant from -60°F to 275°F Ozone and UV light resistant
 Repeatedly autoclavable Chemically compatible with a wide range of fluids Meets FDA, 3A and NSF Criteria Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Tygon-Norprene-A-60-F-IB-Pressure-Tubing-Formulation-for-CIP-and-SIP-cleaning-and-sterilization-systems.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	ASTM D792-00
Water Absorption	0.30 %	0.30 %	ASTM D570-98
	@Temperature 22.8 °C, Time 86400 sec	@Temperature 73.0 °F, Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	ASTM D2240-03
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	6.89 MPa	1000 psi	ASTM D412-98
Elongation at Break	375 %	375 %	ASTM D412-98
100% Modulus	0.00283 GPa	0.410 ksi	ASTM D412-98
300% Modulus	0.00552 GPa	0.800 ksi	ASTM D412-98
Tear Strength	21.0 kN/m	120 pli	ASTM D1004-03
Compression Set	30 %	30 %	ASTM D395-03 Method B
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	
Tensile Set	57 %	57 %	ASTM D412-98

Mechanical Properties	Metric	English	Comments
Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	135 Â°C	275 Â°F	
Brittleness Temperature	-59.4 Â°C	-75.0 Â°F	ASTM D746-98

Electrical Properties	Metric	English	Comments
Dielectric Strength	21.1 kV/mm	535 kV/in	ASTM D149-97

Compliance Properties	Metric	English	Comments
FDA	Yes	Yes	
NSF	Yes	Yes	

Descriptive Properties	Value	Comments
Color	Cream	

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