

Saint-Gobain Norprene® A-60-G Industrial Grade Tubing Formulation

Category : Polymer , Thermoplastic

Material Notes:

Description: Norprene® Industrial Grade Tubing, Formulation A-60-G: Norprene® Industrial Grade Tubing outperforms neoprene, EPDM and other general-purpose tubings in test after test and application after application. It will not weaken or crack after years of exposure to heat and ozone. This provides long service in a wide range of applications such as gasketing, abrasion-resistant sleeving and cable insulation. Performance formulated for on-the-job reliability, Norprene® handles temperatures from -75°F (-60°C) to 275°F (135°C), allowing the use of one material with a broad range of temperatures. It is heat sealable and can be joined without fittings. It also has excellent resistance to inorganic (acids and bases) fluids. With its outstanding flexural fatigue resistance and high temperature capability, Norprene® Industrial Grade Tubing outlasts and outperforms virtually all other general service tubings in peristaltic and vacuum pump applications. **Features/Benefits:** Superior weathering Abrasion resistant Outstanding flexural fatigue resistance Wide temperature range (-75°F to 275°F) Low gas permeability versus rubber tubing Ozone and UV light resistant Typical applications include Soap and Disinfectant Dispensing, Printing Ink Transfer, Caustic Dispensing, Plating and Etching Chemicals, Wastewater Sampling, Glass and Window Wash Systems, Vacuum Pumps, Cable Insulation, Abrasion Resistant Sleeving. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Norprene-A-60-G-Industrial-Grade-Tubing-Formulation.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 g/cc	0.980 g/cc	ASTM D792-98
Water Absorption	0.30 %	0.30 %	24 hours at 23°C; ASTM D570-98

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	15 seconds; ASTM D2240-97
Tensile Strength, Yield	6.89 MPa	1000 psi	ASTM D412-98
Elongation at Break	375 %	375 %	ASTM D412-98
Tensile 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	Initial Tear Strength; ASTM D1004-94
Compression Set	27 % @Temperature 70.0 °C	27 % @Temperature 158 °F	Constant Deflection, for 22 hrs.; ASTM D395-98 Method B
Tensile Set	47 %	47 %	ASTM D412-98

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	135 °C	275 °F	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-69.4 K°C	-75.0 K°F	ASTM D146-98

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

Descriptive Properties	Value	Comments
Color	Black	

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