

TYPICAL PROPERTIES

STT Series

PHYSICAL

Tensile Strength: 3000 PSI

Ultimate Elongation: 200% minimum

Longitudinal Change: ±20%

Specific Gravity: 2.13 - 2.24

Heat Shock:

(4 hrs. @ 400°C) - Will not crack, flow or drip. No cracks when bent through 360°

Low Temp. Flexibility (Paragraph 4.6.5 of MIL-I-23053): No cracking

Flammability: Non-Flammable

Abrasion Resistance: Excellent

Coefficient of Friction: 0.1

ELECTRICAL

Dielectric Strength: 1200 V/mil

Volume Resistivity: 10^{18} ohm-cm min

CHEMICAL

Corrosion Resistance: Non-Corrosive

Fluid Resistance:

Fuels and Oils - Excellent

Solvents - Excellent

Acids & Alkalies - Excellent

Fungus Resistance: Non-nutrient