

TYPICAL PROPERTIES

SKY Series

PHYSICAL

Tensile Strength: 55000 PSI

Ultimate Elongation: 350%

Longitudinal Change: +1%, -10%

Secant Modulus (2%): 123,000 PSI

Specific Gravity: 1.7

Heat Aging: (96 hrs. @ 155°C) - No cracking

Heat Shock: (4 hrs. @ 300°C) - No cracking, dripping, flowing

Low Temp. Flexibility: (4 hrs. @ -55°C) - No cracking

Resistance to Potting: (15 min. @ -225°C) - No swelling or disintegration

Flammability: Self-extinguishing, passes UL 224 VW-1 flame test

Corona Resistance: Excellent

Abrasion Resistance: Excellent

ELECTRICAL

Dielectric Strength: 900 V/mil

Volume Resistivity: 10^{14} ohm-cm

CHEMICAL

Corrosion Resistance: Non-Corrosive

Fluid Resistance:

Fuels and Oils - Excellent

Solvents - Excellent

Acids & Alkalies - Excellent