

| <b>PROPERTY</b>  | <b>TYPICAL VALUE</b>     | <b>TEST METHOD</b> |
|--|--------------------------|--------------------|
| Durometer Hardness, Shore A/C (10sec.)   | 88/62 Colors 94/69 Clear | ASTM D2240         |
| Tensile Strength (psi)   | 2500                     | ASTM D412          |
| Elongation (%)   | 280                      | ASTM D412          |
| Brittleness Temperature, Pass °C   | -28 Colors -23 Clear     | ASTM D746          |
| Heat Aging, 7 Days @ 136°C<br>% of Original Tensile Strength<br>% of Original Elongation | 102%<br>82%              | UL 224             |
| Copper Corrosion   | NONE                     | UL 224             |
| Longitudinal Shrinkage, 2 Hours @ 100°C  | Less than 5%             | UL 224             |
| Dielectric Strength (Volts/Mil, 031)   | 800                      | ASTM D149          |
| Volume Resistivity (ohm-cm)  | 1.3x10 <sup>14</sup>     | ASTM D257          |
| Low temperature Flexibility, -30°C   | Pass                     | UL 224             |

**AGENCY RATINGS**

CSA: 105C, 300V / 600V  
EU directive 2000 / 53 / EC (ELV)  
EU directive 2011/65/EU (RoHS2)  
EU directive 2015/863 (RoHS3)  
UL: 105C, 300V / 600V  
UL: 105C, 300V / 600V, VW1

**MATERIAL SPECIFICATIONS**

MIL-I-631, Type F, Form U, Grade C, Class I & II, Category I  
ASTM D922, Grade C  
FMVSS302