

PRIMARY MFG

SIL 30 DLS

Picture
Coming Soon

SIL 30 is a silicone urethane, ideal for wearables such as headphones, and wristbands. Soft touch, bio-compatible, and tear resistant

Tensile Properties, ASTM D412, Die C,

| | Metric | US. |
|---------------------------|---------|---------|
| Tensile Modulus | 3 MPa | 440 PSI |
| Ultimate Tensile Strength | 3.5 MPa | 500 PSI |
| Stress at 100% Elongation | 0.7 MPa | 100 PSI |
| Elongation at Break | | 350% |

Other Mechanical Properties

| | | |
|---|---------|-----------|
| Tear Strength, Die C (die cut), ASTM D624 | 10 kN/m | 57 lbf/in |
| Compression Set, 23 °C, 72 h, ASTM D395-B | 10% | 10% |

Thermal Properties

| | | |
|------------------------------|-------|-------|
| Tg (DMA, tan(d)), ASTM D4065 | 10 °C | 50 °F |
|------------------------------|-------|-------|

Dielectric/Electric Properties

| | |
|--------------------------------|------|
| Dielectric Constant, ASTM D150 | 7.6 |
| Dissipation Factor, ASTM D150 | 0.15 |

General Properties

| | |
|----------------------|-----------------------------------|
| Hardness, ASTM D2240 | 35 (Instant), 31 (5 sec), Shore A |
| Density, ASTM D792 | 1.07 g/cm ³ |
| Density (liquid) | 1.05 g/cm ³ |