

## EL-TECH 258

## ELECTRICAL CONDUCTIVE FLEXIBLE EPOXY ADHESIVE

### • PRODUCT DESCRIPTION

ELTECH 258 is a pure silver filled two part electrically conductive flexible epoxy adhesive which flexible bondlines, sealing or low solder joint stress needed. ELTECH 258 is designed for bonding electronical and mechanical attachments on electronic devices.

### • CURING PROPERTIES

| 25°C             | 65°C   |
|------------------|--------|
| 48 hrs.          | 4 hrs. |
| Pot Life: 4 hrs. |        |

### • UNCURED PROPERTIES

|                         |                            |
|-------------------------|----------------------------|
| Mixing Ratio(by weight) | 100(Part A) / 100 (Part B) |
| Viscosity               | Paste like                 |
| Color                   | Silver                     |
| Density                 | 2,6 - 3                    |

### • CURED PROPERTIES

|  |            |
|--|------------|
| Volume Resistivity(65°C)                                   | 0.009 Ω-cm |
| Lap Shear Strength(Al/Al) (MPa)                            | 2,8        |
| Tg (°C)  | -27        |
| Hardness Shore A   | 75         |
| Elongation at break, %                                     | 80         |
| Temperature Resistance (°C)                                | -55 - +150 |
| Expansion Coefficient, 10 <sup>6</sup> X ° C <sup>-1</sup> | 100-120    |

### • STORAGE AND SHELF LIFE

Mix Parts A and B in original container before combining. Add Part B to Part A and mix until uni-form. Shelf life is 12 months at 25°C, in unopened, unmixed containers.

