

Master Bond EP21TDCS Silver Filled Electrically Conductive Epoxy Compound

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

Master Bond Polymer System EP21TDCS is a two component, silver filled, electrically conductive adhesive for high performance bonding and sealing formulated to cure at room temperature or more rapidly at elevated temperatures. Unlike the majority of two part silver conductive epoxy systems, the EP21TDCS has a one-to-one mix ratio, by weight or volume.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-EP21TDCS-Silver-Filled-Electrically-Conductive-Epoxy-Compound.php

| Thermal Properties | Metric | English | Comments |
|----------------------------------|---------|---------|----------|
| Maximum Service Temperature, Air | 121 °C | 250 °F | |
| Minimum Service Temperature, Air | -269 °C | -453 °F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|----------------------|----------------------|----------|
| Cure Time | 60.0 - 120 min | 1.00 - 2.00 hour | |
| | @Temperature 93.3 °C | @Temperature 200 °F | |
| | 1440 - 2160 min | 24.0 - 36.0 hour | |
| | @Temperature 23.0 °C | @Temperature 73.4 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|------------------------|---------------------|
| Color Code | "A" Silver; "B" Silver | |
| Mix Ratio By Weight | 100/100 | |
| Set-Up Time, minutes | 30-40 | At Room Temperature |
| Viscosity | Smooth Paste | Room Temperature |

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