

Master Bond Supreme 10HTN Nickel Filled Electrically Conductive One Part Epoxy

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

Material Notes:

Master Bond Polymer System Supreme 10HTN combines high shear and high peel strengths, relatively low resistance, and exceptionally easy processing. This one component (no mix) high purity nickel conductive system cures in one hour at 250°F. Supreme 10HTN forms tough, electrically conductive bonds that are resistant to many chemicals including water, oil, fuels and most organic solvents even upon prolonged exposures.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Master-Bond-Supreme-10HTN-Nickel-Filled-Electrically-Conductive-One-Part-Epoxy.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------|---------|----------|
| Storage Temperature | 23.9 °C | 75.0 °F | 3 months |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|----------|---------|----------|
| Maximum Service Temperature, Air | 204 °C | 400 °F | |
| Minimum Service Temperature, Air | -73.3 °C | -100 °F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|---------------------|---------------------|----------|
| Cure Time | 45.0 min | 0.750 hour | |
| | @Temperature 149 °C | @Temperature 300 °F | |
| | 60.0 min | 1.00 hour | |
| | @Temperature 121 °C | @Temperature 250 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|-------------|------------------|
| Color | Nickel Gray | |
| Viscosity | Paste | Room Temperature |

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