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ISO 9001 CERTIFIED

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126-32R JETTABLE EPOXY SURFACE MOUNT ADHESIVE

DESCRIPTION: 126-32R is a red, jettable, high performance, low temperature curing one part epoxy surface mount adhesive and is recommended for syringe dispensing, stenciling, and jet dispensing. This system features low moisture absorption and has high green strength that prevents movement of components during subsequent operations. This product exhibits no stringing with dispense application and also no sag during cure. Applications include bonding dissimilar materials and stress sensitive devices, sealing and mounting surface devices to substrates.

UNCURED PROPERTIES:

| | |
|--------------------------------|---------|
| Color | Red |
| Hegman (μm) | < 2.5 |
| Density (g/cc) | 1.15 |
| Viscosity, CP-51 @ 1 RPM (cps) | ~50,000 |

CURED PROPERTIES:

| | |
|--|---|
| Dielectric Strength (volts/mil) | 425 |
| Volume Resistivity ($\Omega\text{-cm}$) | 7.1×10^{14} |
| Dielectric Constant (1 MHz) | 4.3 |
| Dielectric Factor (60 Hz) | 0.016 |
| Tensile Lap Shear Strength (psi) | >1,000 |
| Glass Transition Temperature ($^{\circ}\text{C}$) | 97 |
| Hardness (Shore D) | 85 |
| Maximum Operating Temperature ($^{\circ}\text{C}$) | 120 |
| Thermal Conductivity (w/mK) | 1.28 |
| Coefficient of Thermal Expansion | 45 ppm – below T _g 138 ppm – above T _g |

SUGGESTED HANDLING AND CURING: Material is ready to use as received. Store at low temperature to maintain consistent flow properties. Allow material to warm up to room temperature before opening container. Cure for 10 minutes @ 120 $^{\circ}\text{C}$, or 30 minutes @ 100 $^{\circ}\text{C}$, or 60 minutes @ 85 $^{\circ}\text{C}$ in a box oven. Fast curing speeds can be achieved using infrared curing methods. Can snap cure at 150 $^{\circ}\text{C}$.

STORAGE: Shelf Life: < 3 days at 25 $^{\circ}\text{C}$; or 6 months at -10 $^{\circ}\text{C}$.

SAFETY AND HANDLING: Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.

All technical information is based on data obtained by CMI personnel and is believed to be reliable. No warranty is either expressed or implied with respect to results or possible infringements on patents.

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