

10-3026

FAST SETTING EPOXY ADHESIVE & ENCAPSULANT

DESCRIPTION:

10-3026 is a clear, fast setting epoxy resin system. This product forms a semi-flexible and strong bond to metals, pewter, glass, ceramic, felt, concrete, etc. 10-3026 does not contain any solvents and is considered D.O.T. Non-Hazardous.

10-3026 provides good dielectric strength and is therefore a good choice for small electronic potting and encapsulating applications. Typical set time is within ten minutes.

FEATURES:

- Quick fixture time
- Water and chemical resistant
- Outstanding thermal shock resistance
- Outstanding impact resistance

TYPICAL SPECIFICATIONS:

Viscosity, 25°C	
Resin	13,000
Hardener	10,000
Mixed	10,000
Mix Ratio by Volume	1:1
Color	Clear
Hardness, Shore A	85
Pot Life, 10 grams, 25°C	5-7 minutes
Operating Temperature Range, °C	-40 to +120
Specific Gravity, 25°C	
Resin	1.17
Catalyst	1.13
Solids content	100%
Tensile strength, psi	1,400
Dielectric constant, 25°C, 1 kHz	4.0
Dissipation factor, 25°C, 1 kHz	.017
Volume resistivity, 25°C, ohm-cm	2.0×10^{14}

INSTRUCTIONS FOR USE:

1. Thoroughly mix equal parts of resin to catalyst by weight or volume.
2. Apply to surface(s) to be bonded and allow to cure at room temperature or accelerate with mild heat.

**PREPARATION OF SURFACES:**

Surfaces to be bonded must be clean and grease free. Adhesion can be substantially increased by abrading the surface with emery cloth, sandpaper, etc... A roughened porous surface will produce the best results. Any oxidized metal films should be removed just prior to application of the adhesives.

STORAGE, HANDLING & SAFETY:

Store at room temperature. The expected shelf life is 12 months in original unopened containers. Please read the Safety Data Sheet before using this or any other chemical.

AVAILABILITY:

Available in Triggerbond® 50 mL, 75 mL, 200 mL and 400 mL dual barrel cartridges. Also packaged in quarts, gallons, and 5-gallon pails

IMPORTANT:

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