



POLYCHEM

UV/EB INTERNATIONAL CORP.

Thermo-Setting Conductive Silver Adhesive

Product Code: Conductive Silver Adhesive #051908-1

Description:

This silver conductive adhesive is a two-component system, 100% solid content. It provides low shrinkage, excellent electric conductivity, aging resistance and fast cure speed at lower temperature. It also has excellent long-term heat resistance up to 120C and 170C for short term.

Specifications:

Appearance:

Component A: silver paste

Viscosity: (@ 30 C, 10 rpm Brookfield #52 Spindle): 13,500 cps

Component B (hardener): dark brown liquid

Viscosity: (@ 30 C, 10 rpm Brookfield #52 Spindle): 500 cps

Pot life (after component A and B are mixed): 10 min.

Applicable Substrate: PET,PVC, glass, metals, etc.

Instructions:

- 1). Mixing the silver paste (Component A) thoroughly.
- 2). Take out a needed amount of component A (silver paste) and add its 10% weight of component B.
- 3). Mixing Component A (silver paste) and Component B (hardener) thoroughly.
- 4). Pot life after mixing these two components is about 10 min. No thinner (solvent) shall be used.

Electric Properties after Cured:

Bulk Resistivity: 0.000015- 0.000060 Ω .cm
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Note: The above numbers are the typical values and are not specifications.

Suggested Curing Conditions (choose one of the following conditions):

- (1). Temperature 115C x 60 seconds
- (2). Temperature 130C x 30 seconds
- (3). Temperature 140C x 30 seconds

Clean Up Method:

Un-cured adhesive can be cleaned up by acetone, ethyl/isopropyl alcohol. The adhesive system is low irritation to skin. If contacted with skin, use soap and flush with water.

Package: 500 grams, 1,000 grams /set, including Component B (hardener)

Shelf life: 6 months from the date of manufacturing

Recommend Storage Conditions: Stored in a dark and cool place. Always keep caps closed.

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