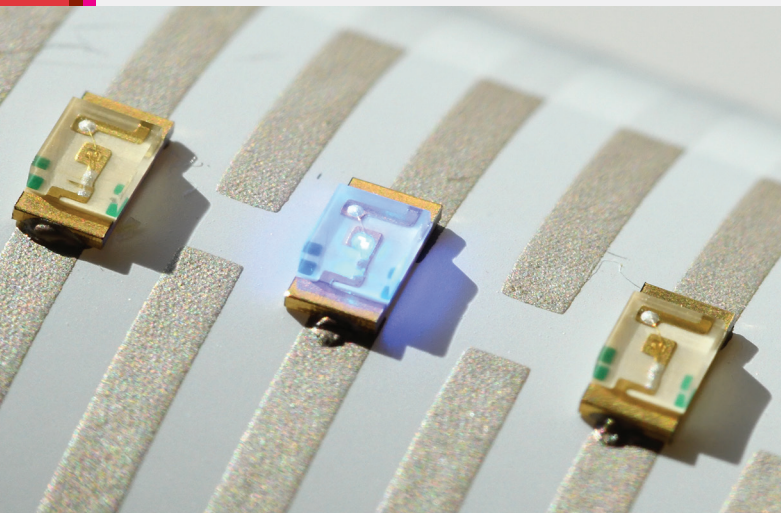




DUPONT™ ME902

ELECTRICALLY CONDUCTIVE ADHESIVE



TYPICAL PHYSICAL & ELECTRICAL PROPERTIES

Test	Properties
Solids (%) @ 150°C	75 – 77
Viscosity [Brookfield RVT #14 Spindle; 10 RPM @ 25°C] (Pa·s)	40 – 90
Recommended Thinner	3610
Resistivity (mΩ/sq/mil) [serpentine pattern, 14µm thickness]	100 - 150
Component Shear Strength (grams-force) [1206-size SMD LEDs on DuPont™ silver]	1000 - 1200

This table shows anticipated typical physical properties for DuPont™ ME902 based on specific controlled experiments in our labs and are not intended to represent the product specifications, details of which are available upon request.

PRODUCT DESCRIPTION

DuPont™ ME902 is a part of the DuPont suite of materials developed for In-Mold Electronic applications. ME902 is an electrically conductive adhesive system for use in stencil-printing and syringe-dispensing applications. Its unique formulation provides good adhesion between SMD components and DuPont silver conductive pastes after heat curing. DuPont™ ME902 maintains some flexibility after drying, which enables handling & thermoforming of IME circuits on thin substrates. It maintains its properties after over-molding.

PRODUCT BENEFITS

- One part electrically conductive adhesive
- Good adhesion with flexibility for IME applications
- Excellent performance after thermoforming & over-molding
- Apply via stencil-printing or syringe-dispensing

PROCESSING

Substrates

DuPont silver pastes on polycarbonate or surface-treated polyester

Application Equipment Compatibility*

- EFD Fluid Dispensing Systems, bench-top or robotic
- Stencil-printing
- Screen-printing (thinning is required)

*Additional information in ME902 Process Guide

Residence Time on Stencil

Up to 1 Hour

Typical Drying Conditions

Box oven: 120°C for 20 minutes in a well-ventilated oven

Typical Thickness after Drying

30-50µm when stencil-printed with a ~100µm thick stencil

Clean-Up Solvent

Ethylene glycol diacetate



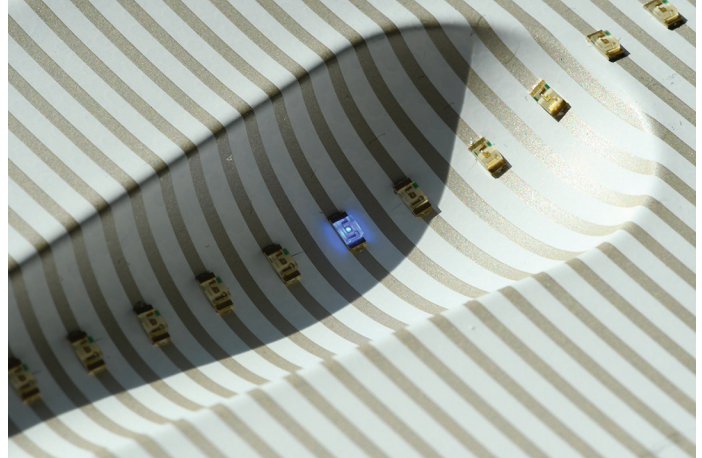
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STORAGE AND SHELF LIFE

Containers should be stored, tightly sealed, in a clean, stable environment at room temperature (<25°C). Shelf life of material in unopened containers is six months from date of shipment. Some settling of solids may occur and compositions should be thoroughly mixed prior to use.

SAFETY AND HANDLING

For Safety and Handling information pertaining to this product, read the Safety Data Sheet (SDS).



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CAUTION: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Medical Caution Statement," H-50102-5. K-29896 (8/18)