# Methode Electronics



# **Conductive Inkjet Ink 9102**

### **Product Description**

An aqueous, silver nano-particle ink designed for both thermal and piezo inkjet printing systems. Secondary curing or processing is not required to achieve excellent adhesion and electrical conductivity on multiple compatible substrates.

#### **Features**

- Applied via thermal or piezo printheads
- Cures at ambient temperature immediately after orienting on coated media
- RoHS compliant
- Custom formulations

# **Typical Ink Properties**

-Viscosity 3.5 cps Brookfield DV-E #1 spindle, 60 rpm

- Density 1.2 grams/ml

-Surface Energy 32 dynes/cm SITA Bubble Pressure Tensiometer

# **Typical Printed Properties**

-Print Thickness 1 Micron

-Line Width 75 micron lines and spaces (depending on drop size)

-Electrical Resistance 25 milliohms per square as printed (depending on drop size)

-Color Metallic Gold

-Flex Resistance Excellent

-Adhesion Excellent

-Rub Resistance Excellent



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