

Conductive Inkjet Ink 9101

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 55 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



Methode is...
possibilities

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