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

Methode is…
possibilities

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