



TECHNICAL DATA SHEET



Noelle Industries, Inc.
Adhesives • Coatings • Conductives • Encapsulants

NOELLE E903-06

A One Component Electrically Conductive Ink

Description:

Noelle E903-06 a silver filled, electrically conductive, one component high performance screen printable, thermoplastic ink. Noelle E903-06 offers a faster drying time then Noelle 805-06 for improved production.

Advantages:

Noelle E903-06 features high electrical conductivity and has a desirable viscosity for screen printing or dot dispensing.

Physical Properties:

Color: Silver
Specific Gravity 2.20
Coverage (Wet thickness) 167 cm² / gram / 0.001

Shelf Life: (Sealed container)

One Year @ 25°C

Chemical Properties:

Solvents used is Di(Ethylene Glycol) Ethyl Etheracetate

Dry time:

(Longer times or higher temperatures will further enhance end properties.)

Dry Temp:	90°C	120°C
Dry Time:	20 min.	5 min.

Properties:

Glass Transition Temperature (t _g):	70°C
Sheet Resistivity, Ohm / Sq / Mil	@25°C: <0.015
After 120 min	@90°C: <0.010

All values reported above are typical values, and are reported as a means of reference. Individual testing should be done to determine actual results, tested at specific conditions.

• 76 Treble Cove Road, Building # 3, Unit C, North Billerica, MA 01862

• Phone: (978) 439-9841 • Fax: (978) 439-9842 • Website: www.noelleindustries.com • email: info@noelleindustreis.com