



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 (Minutes)	20	5

Properties:

Glass Transition Temperature (t_g): 70°C
Sheet Resistivity, @ 25°C (Ohm / Sq / Mil): <0.015
@ 90°C After 120 minutes: <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.

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