



## TECHNICAL DATA SHEET

### ANTISTAT-268 WATER-BASED CARBON RESISTIVE COATING

Antistat-268  
is designed for use as an  
**antistatic coating** for:

- paper
- cardboard
- wood
- most plastic substrates

#### DESCRIPTION

- single component, water based , electrically conductive urethane coating
- may be used to saturate urethane foam, making it ideal for shipping static sensitive electronics
- has outstanding adhesion, toughness, and flexibility
- hardness and durability can be increased by adding a small amount of cross-linking agent
- can be applied by dipping, roller coating, or spraying

Applied Ink Solutions also offers a cross-linking material, which can be mixed with Antistat-268 prior to application. This cross-linking material acts as adhesion promoter to most substrates, and enhances the toughness of Antistat-268.

#### *TYPICAL PROPERTIES*

Appearance	Black liquid
Viscosity: Brookfield RV-2 @100 RPM @25°C	<100 cps
Drying Schedule	Ambient for 2-6 hours or 85°C for 20 minutes (1 mil wet film on PET)
Shelf Life	6 months in unopened container
Total % NV Solids	32% +/- 2%

#### *PHYSICAL PROPERTIES AFTER CURE (.001" THICK FILM )*

Tensile Strength	9,400 psi
% Elongation at Break	400%
Surface Resistivity	< 10,000 Ω/square*

\*Resistance values as low as 200Ω/square are possible with custom blends

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Guidelines are intended to provide a starting point for evaluation. Applied Ink Solutions recognizes that each customer's manufacturing process is unique, and we are available to provide technical assistance to resolve your processing issues. Call us to discuss your application in more detail.

The properties are accurate to the best of our knowledge and Applied Ink Solutions makes no guarantees for customer specifications established in applications where this product is used. Customer assumes responsibility for determining fitness of use in their particular application.

## Health & Safety

Products manufactured by Applied Ink Solutions are intended for use in an industrial environment by trained personnel. Please follow proper health/safety processes regarding storage, handling and processing of the products.