

Lord Adhesives Metech 2539A Silver-Silver Chloride Reference Electrode Ink

Category : Fluid

Material Notes:

Silver-silver chloride reference ink is designed for screen print application onto flexible and rigid plastic substrates. It has been developed to provide a standard reference electrode potential utilizing the silver-silver chloride couple. It is used in disposable electrochemical assays and specifically for bio-electrochemical assays i.e. bio sensors. The ink has good rheological properties and may be used in manual and high speed automatic applications. Good adhesion is achieved through low temperature drying profiles. Although primarily intended for use on rigid PVC and flexible substrates such as polyester and polycarbonate films, the ink may be used on rigid substrates such as conventional PCB's, glass and ceramics. All information provided by Lord.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lord-Adhesives-Metech-2539A-Silver-Silver-Chloride-Reference-Electrode-Ink.php

Physical Properties	Metric	English	Comments
Brookfield Viscosity	30000 - 50000 cP @Temperature 25.0 °C	30000 - 50000 cP @Temperature 77.0 °F	HBT, Spindle #SC4-14 @ 10rpm

Component Elements Properties	Metric	English	Comments
Silver, Ag	72 %	72 %	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.175 ohm	<= 0.175 ohm	100 square pattern alumina substrate cured at 150°C for 45 minutes

Descriptive Properties	Value	Comments
Adhesion	Very Good	Tape Test

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