

Heraeus Clevios™ S V4 Antistatic/Conductive Polymer Coating for Screen Printing

Category : Polymer

Material Notes:

Poly(3,4-ethylenedioxythiophene)poly(styrenesulfonate), provided as a paste designed for application by silk screen printing to be used for transparent conductive devices. Clevios™ S V4 is the high conductivity screen printing paste grade. Used for transparent electrodes for EL lamps, touch panels, membrane switches, and printed electronics. Features include flexibility, transparency, high conductivity, and 3-D thermoformability. Information provided by Heraeus, Conductive Polymers Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Heraeus-Clevios-S-V4-AntistaticConductive-Polymer-Coating-for-Screen-Printing.php

Physical Properties	Metric	English	Comments
Viscosity	3500 - 4500 cP	3500 - 4500 cP	As Supplied

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	250 - 300 ohm	250 - 300 ohm	prints from standard 140/31 screen

Processing Properties	Metric	English	Comments
Shelf Life	6.00 Month @Temperature 5.00 - 30.0 °C	6.00 Month @Temperature 41.0 - 86.0 °F	in unopened original container

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