

Heraeus Cleviosâ„¸ P T2 Conductive Sulfonate Polymer for Antistatic Coatings

Category : Polymer

Material Notes:

Poly(3,4-ethylenedioxythiophene)poly(styrenesulfonate), provided as an aqueous dispersion used to produce thin film antistatic coatings. Cleviosâ„¸ P T2 is an antistatic material based on PEDOT:PSS â€” chemistry for electronics applications. This conductive polymer is a medium conductive dispersion of Cleviosâ„¸ P. Typical applications include the antistatic coating of PET or Polycarbonate films for antistatic trays and blister tapes, films for dust protection of components in the LCD industry, antistatic coating of glass, high quality antistatic-coated papers, and other ESD and dissipative applications. Application Methods: Dipping, Spraying, Printing (including gravure, slot-die). Information provided by Heraeus, Conductive Polymers Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Heraeus-Clevios-P-T2-Conductive-Sulfonate-Polymer-for-Antistatic-Coatings.php

Physical Properties	Metric	English	Comments
Solids Content	1.15 - 1.35 %	1.15 - 1.35 %	As Supplied
pH	1.5 - 2.5	1.5 - 2.5	As Supplied
Viscosity	100 - 200 cP	100 - 200 cP	As Supplied

Optical Properties	Metric	English	Comments
Transmission, Visible	>= 85 %	>= 85 %	Applied Coating
	@Thickness 0.000100 mm	@Thickness 0.00000394 in	
	98 %	98 %	Applied Coating; Y-D65/10Å°
	@Thickness 0.0120 mm	@Thickness 0.000472 in	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00330 - 0.0100 ohm-cm	0.00330 - 0.0100 ohm-cm	Applied Coating; formulated with DMSO or MEG
Surface Resistivity per Square	1600 ohm	1600 ohm	Applied Coating; 12 micron wet film
	4100 ohm	4100 ohm	Applied Coating; 6 micron wet film
	10000 ohm	10000 ohm	Applied Coating

Processing Properties	Metric	English	Comments
Shelf Life	9.00 Month	9.00 Month	in unopened original container
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	

Descriptive Properties	Value	Comments
Form Supplied	Blue Liquid	

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