

## Heraeus Cleviosâ„ç PH 500 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„ç PH 500 is an antistatic material based on PEDOT:PSS â€” chemistry for electronics applications. This conductive polymer is a highly conductive, homogenized dispersion of Cleviosâ„ç 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-PH-500-Conductive-Sulfonate-Polymer-for-Antistatic-Coatings.php](http://www.lookpolymers.com/polymer_Heraeus-Clevios-PH-500-Conductive-Sulfonate-Polymer-for-Antistatic-Coatings.php)

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in <sup>3</sup>	
Solids Content	1.0 - 1.3 %	1.0 - 1.3 %	As Supplied
pH	1.5 - 2.5	1.5 - 2.5	As Supplied
Viscosity	8.0 - 25 cP	8.0 - 25 cP	As Supplied

Thermal Properties	Metric	English	Comments
Boiling Point	100 Â°C	212 Â°F	As Supplied

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00330 ohm-cm	0.00330 ohm-cm	Dried Coating after DMSO addition

Processing Properties	Metric	English	Comments
Shelf Life	9.00 Month @Temperature 5.00 - 10.0 Â°C	9.00 Month @Temperature 41.0 - 50.0 Â°F	in unopened original container

Descriptive Properties	Value	Comments
Form Supplied	Dark Blue Liquid	
Odor	None	

Contact Songhan Plastic Technology Co.,Ltd.

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