

## Heraeus Cleviosâ„ç P VP AI 4083 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 P VP AI 4083 is an antistatic material based on PEDOT:PSS " chemistry for electronics applications. This conductive polymer is a standard dispersion for hole injection layers version 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-P-VP-AI-4083-Conductive-Sulfonate-Polymer-for-Antistatic-Coatings.php](http://www.lookpolymers.com/polymer_Heraeus-Clevios-P-VP-AI-4083-Conductive-Sulfonate-Polymer-for-Antistatic-Coatings.php)

Physical Properties	Metric	English	Comments
Solids Content	1.3 - 1.7 %	1.3 - 1.7 %	As Supplied
Particle Size	>= 0.080 µm	>= 0.080 µm	D<sub>50</sub>
	<= 0.10 µm	<= 0.10 µm	D<sub>50</sub>
pH	1.2 - 2.2	1.2 - 2.2	As Supplied
Viscosity	5.0 - 12 cP	5.0 - 12 cP	As Supplied

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

Electrical Properties	Metric	English	Comments
Electrical Resistivity	500 - 5000 ohm-cm	500 - 5000 ohm-cm	

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

Descriptive Properties	Value	Comments
Form Supplied	Dark Blue Liquid	
Odor	None	
PEDOT work function	5.2 eV	

Descriptive Properties

Value

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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