

Heraeus Cleviosâ„ç PH 510 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 510 is an antistatic material based on PEDOT:PSS â€" chemistry for electronics applications. This conductive polymer is a highly conductive, homogenized dispersion, high solids 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-PH-510-Conductive-Sulfonate-Polymer-for-Antistatic-Coatings.php

| Physical Properties | Metric | English | Comments |
|---------------------|-------------|---------------------------|-------------|
| Density | 1.00 g/cc | 0.0361 lb/in ³ | |
| Solids Content | 1.5 - 1.9 % | 1.5 - 1.9 % | As Supplied |
| pH | 1.5 - 2.5 | 1.5 - 2.5 | As Supplied |
| Viscosity | 20 - 100 cP | 20 - 100 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.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China