

## **CLEVIOS™ F HC Solar**

**Description of Product**    Aqueous PEDOT / PSS dispersion, blue liquid

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### **Characteristics<sup>1)</sup>**

	<b>min.</b>	<b>max.</b>	<b>Unit</b>
Solid Content	1.0	1.5	%
Viscosity	8	70	mPa s
Conductivity (dried layer)	500		S/cm

### **Technical Data (guide values, not a specification)**

PEDOT work function	4.8 - 5.0 eV
Contact angle (on UV/ozone cleaned ITO)	approx 10°
Contact angle (P3HT:PCBM)	<30°
Surface Tension	25-30 mN/m
pH	1.0 – 2.0 at 20°C
Boiling Point	approx 100°C

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1) Information on test methods is available on request.

**Storage and Handling**    **Avoid freezing !**

Storage and handling are subject to the rules and regulations in the country of use. When stored at temperatures between 5°C and a maximum of 10°C, CLEVIOS™ F HC Solar will remain stable for 9 months from date of production in sealed original containers. After opening the containers must be well closed to prevent the evaporation of water which may result in the formation of a non redispersible film. The product is sensitive to frost and should therefore not be stored at temperatures below 5°C. The product cannot be used if it has been frozen. Brief heating to max. 50°C has no adverse effect on product properties.

**Hazards identification**    See material safety data sheet.

**Documentation**    An inspection document in accordance with EN 10204 is supplied with every commercial order. Inspection documents for samples are supplied on request.

**Contact**    Technical Service Display: Dr. A. Sautter, Phone: +49 (214) 30-21201,  
[armin.sautter@heraeus.com](mailto:armin.sautter@heraeus.com)

Technical Service Capacitor: Dr. U. Merker, Phone: +49 (214) 30-23671,  
[udo.merker@heraeus.com](mailto:udo.merker@heraeus.com)

**Note:**    **PRELIMINARY SPECIFICATION** (The product described is still under test. Amendments of all technical data are possible. Special care has to be taken while processing.)



Heraeus Deutschland GmbH & Co. KG  
Heraeus Epurio  
Building B 202, Chempark  
51368 Leverkusen, Germany  
[clevios@heraeus.com](mailto:clevios@heraeus.com)  
[www.clevios.com](http://www.clevios.com) | [www.heraeus.com](http://www.heraeus.com)

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