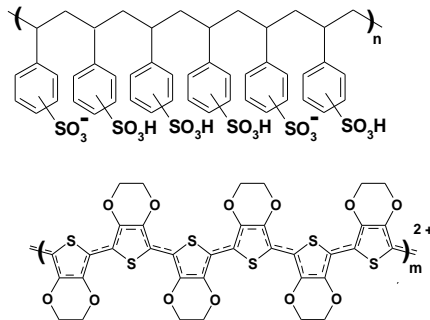


CLEVIOS™ F100T

Chemical Formula



Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)

Description of Product Aqueous dispersion, blue liquid.

Synonyms / Abbreviations PEDT / PSS, PEDOT / PSS

	min.	max.	Unit
Physical Characteristics			
Viscosity	30	60	mPa s
Specific Conductivity ¹⁾	500		S/cm
Solid content	1.45	1.70	%

Technical Data (guide values, not a specification)

12 µm wetfilm²⁾ 180-250 Ohm/sq

1) After addition of 5% Dimethylsulfoxid, measured at a dried layer; 2) Formulated product

Number 81076414
Issue 2010-12-22

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 30°C, CLEVIOS™ F100T will remain stable for 6 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 re-dispersible 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 john.bayley@heraeus.com
Phone: +49 214 30-26718, Telefax: +49 214 30-56284

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 Clevios GmbH
CHEMPARK Leverkusen
Building B 202,
51368 Leverkusen/Germany
Phone +49 214 30-1, Fax +49 214 30-56284

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis at least must include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by Heraeus. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases Heraeus from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind Heraeus. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent. In case of order please refer to issue number of this product data sheet. All deliveries are based on the latest issue of the product data sheet and on the latest version of our General Conditions of Sale and Delivery.