

Number:
Issue

PD-194-01
2024-01-18

CLEVIOS™ P JET (OLED)

Description of Product Aqueous dispersion of PEDOT:PSS, blue liquid

Characteristics¹⁾

| | Min | | Max | Unit |
|---------------|------|---|-------|--------|
| Solid content | 1.6 | - | 2.1 | % |
| Resistivity | 1000 | - | 15000 | Ohm·cm |
| Viscosity | 4 | - | 20 | mPas |

Technical Information (guide values, not a specification)

| | | | |
|-----------------------------|-------------------|--|--|
| Form | liquid | | |
| Colour | dark blue | | |
| Work function (dried layer) | approx. 5.2 eV | | |
| PEDOT:PSS ratio | 1:6 (by weight) | | |
| pH | 4.0 – 7.0 at 20°C | | |
| Cation content | max. 5 ppm | (includes Na, K, Ca, Cr, Fe, Zn, Mg, Al) | |
| Sulfate content | max. 30 ppm | (at time of production) | |
| Boiling point | approx. 100°C | | |

1) Information on test methods is available on request.

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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™ P JET (OLED) 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 3.1 is supplied with every commercial order. Inspection documents for samples are supplied on request.

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