

Product Datasheet

Avantama N-20X-Flex

Ink for Charge Selective Layers in Printed Electronics

Product-No. 10022

Data:

| Property | Unit | Result |
|---------------------------------|------|--|
| Appearance | - | translucent, brownish |
| Solvent | - | mixture of butanols |
| Solid content | wt% | 2.5 |
| Solid composition | - | crystalline Al:ZnO (3.15 mol% Al) |
| Mean primary particle size | nm | 12 |
| Mean hydrodynamic particle size | nm | 18 |
| Viscosity | cP | 3.5 |
| Work function | eV | -4.3 |
| Application | - | spin-coating, doctor blading, slot-die |

Handling instructions:

- Store in a cool place, protect from light.
- Prior to application: Shake, and optionally filter through 0.2 µm or 0.45 µm PTFE or PP filter.
- Drying of deposited ZnO films at 80°C - 120°C.