

Product Datasheet

Avantama N-21X-Flex

Ink for Charge Selective Layers in Printed Electronics

Product-No. 10023

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	-3.9
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.