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Product Datasheet

Avantama P-10

Ink for Charge Selective Layers in Printed Electronics
Product-No. 6040

Data:

Property	Unit	Result
Appearance	-	translucent, blueish-greenish
Solvent	-	2-propanol
Solid content	wt%	2.5
Solid composition	-	crystalline WO ₃
Mean primary particle size	nm	16
Mean hydrodynamic particle size	nm	27
Viscosity	cP	2.4
Work function	eV	5.5
Application	-	spin-coating, doctor blading, slot-die

Handling instructions:

- Store in dark at room temperature; Keep in plastic container (glass container can influence dispersion stability!)
- Prior to application: Shake, ultrasonicate with sonic horn (ca. 50W) for 3min/100ml.
- Drying of deposited WO₃ films at 80°C - 120°C