

Transparent conductive coating solution

Denatron Type-P F-120CD

- The water based solution formulated the conductive polymer(PEDOT/PSS) .
- Add additives freely according to your required function.
- Sheet resistance and transmittance could be adjusted depends on the content.

Liquid properties

Items	Typical value
Main components	Water, Ethanol, PEDOT:PSS, Additives
Appearance	Dark blue
Viscosity	50 - 200 mPa·s
pH	2 - 3
Solid Content	1.8%

Film properties (Coating on PET film)

Items	Ex.1	Ex.2	Ex.3
Usage g/m ²	4.5	0.5	0.2
Total Transmittance %	94	99	>99
Initial sheet resistance Ω/sq.	8E2	1E4	1E5
Sheet resistance after 85dC *100 hours	8E2	3E4	1E6

