

Transparent conductive coating solution

Denatron Type-C CD-100

- The water based dispersion formulated SW-CNT(single wall carbon nanotube) .
- 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, CNT, Additives
Appearance		Black
Viscosity		5 - 20 mPa·s
pH		6 - 7
Solid Content		0.6%
Shelf life	@5dC	> 6 months
	@25dC	> 4 months

Film properties (Coating on PET film)

Items	Ex.1	Ex.2	Ex.3
Usage g/m ²	4.0	0.40	0.20
Total Transmittance %	> 96	> 98	> 99
Initial sheet resistance Ω/sq.	2E5	4E6	5E7
Sheet resistance after 100dC *1000 hours	no change		

