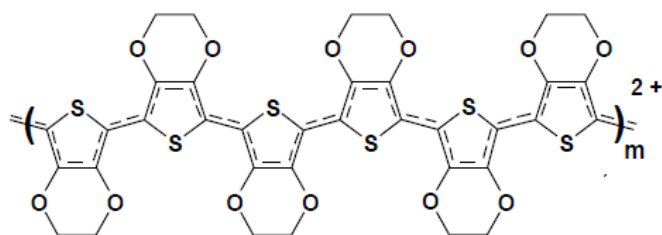
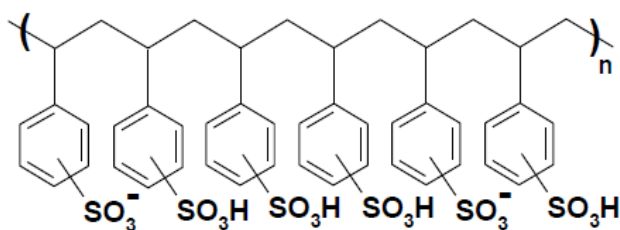


PEDOTは、導電性が良好なこと、ドーピングされた（導体）状態での環境安定性が優れていること、および薄膜として使用した場合の光透過性が妥当



Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)



Poly(3,4-ethylenedioxythiophene)-Poly(styrenesulfonate)

TYPE: GC-D2

Characteristics

Viscosity: 3750+/-250 cP (~35dPas)

Resistance: <400ohm/sq.

Curing temp: 80c/30min, or 130c/15min

Form: Liquid paste

Color: Dark blue

Storage: 6month/5-30C

Poly(3,4-ethylenedioxythiophene)-Poly(styrenesulfonate) TYPE: GC-H3

Characteristics

Characteristic	Unit	Value	Lower Limit	Upper Limit
Production date	DD.MM.YYYY	15.02.2016	-	-
Sodium	ppm	286	-	400
Sulfate	ppm	14	-	40
Solid content	%	1.56	1.3	1.7
Resistivity	Ohmcm	648	500	5000
Viscosity	mPas	8	5	12
PSD (D50)	nm	35	-	80
PSD (D90)	nm	61	-	100

Form	liquid
Color	dark blue
PEDOT/PSS	1/6 (by weight)
pH	1.0 – 2.0
Boiling Point	~100°C

Poly(3,4-ethylenedioxythiophene)-Poly(styrenesulfonate) TYPE: GC-Z3

Characteristics

Solid content	1.2+/-0.2 %
Specific conductivity	>850 S/cm
Viscosity	30+/-20 mPas
Form	liquid
Odour	odourless
Color	dark blue
PEDOT/PSS	1/2~1/3 (by weight)
pH	2+/-0.5 at 20°C
Density	1 g/cm ³
Boiling Point	~100°C