

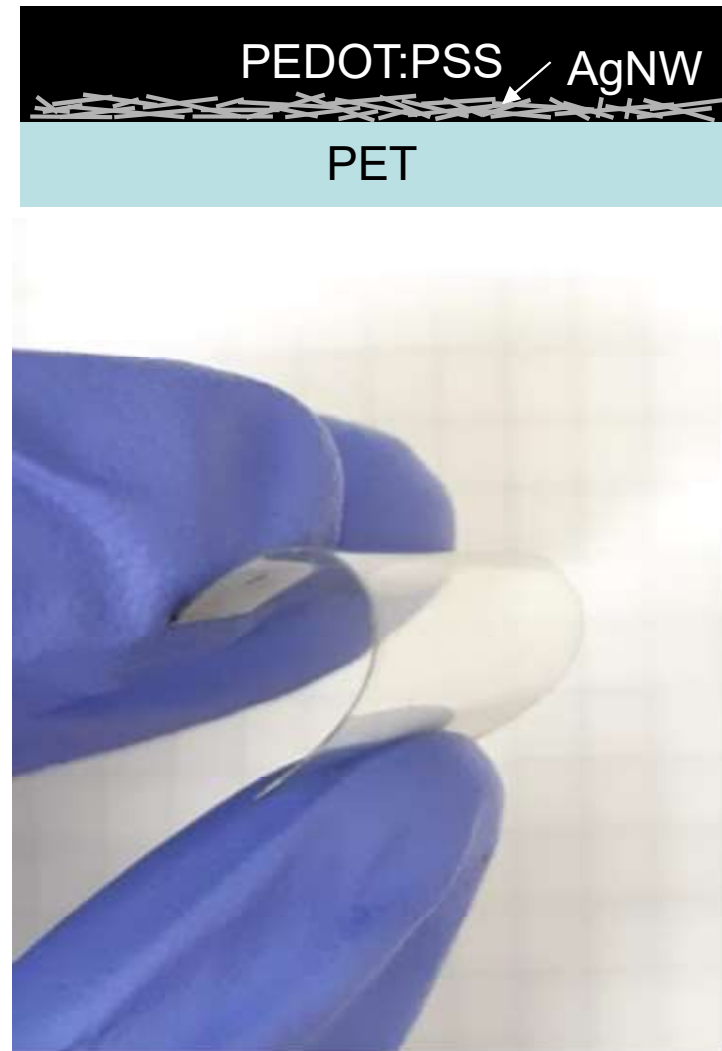
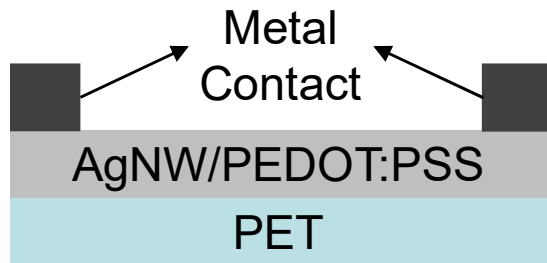
Intensive Research Program

Fabrication of AgNW/PEDOT:PSS Composite Film using Hot-casting Technique

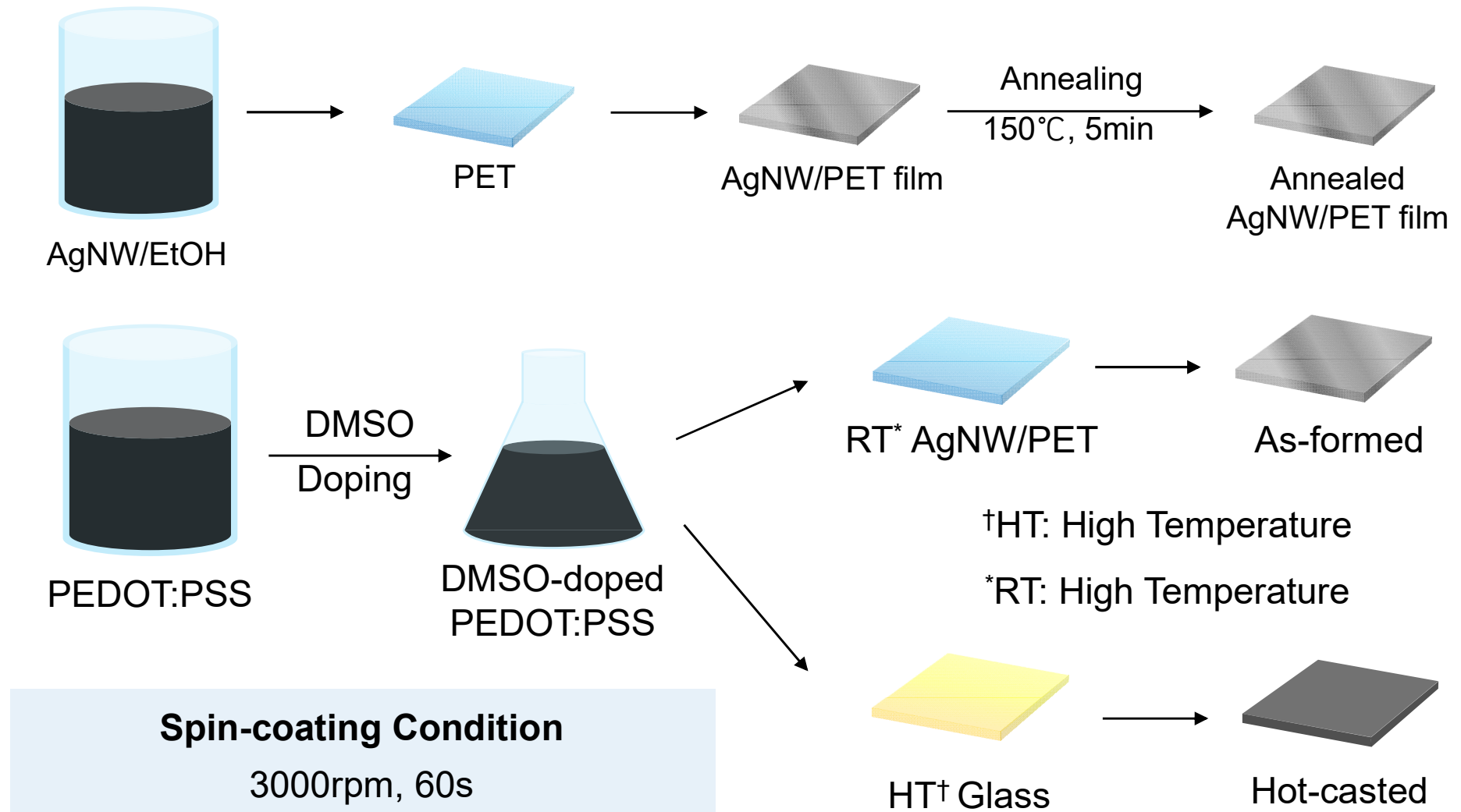
2018. 7. 23
MinJae Kim

Contents

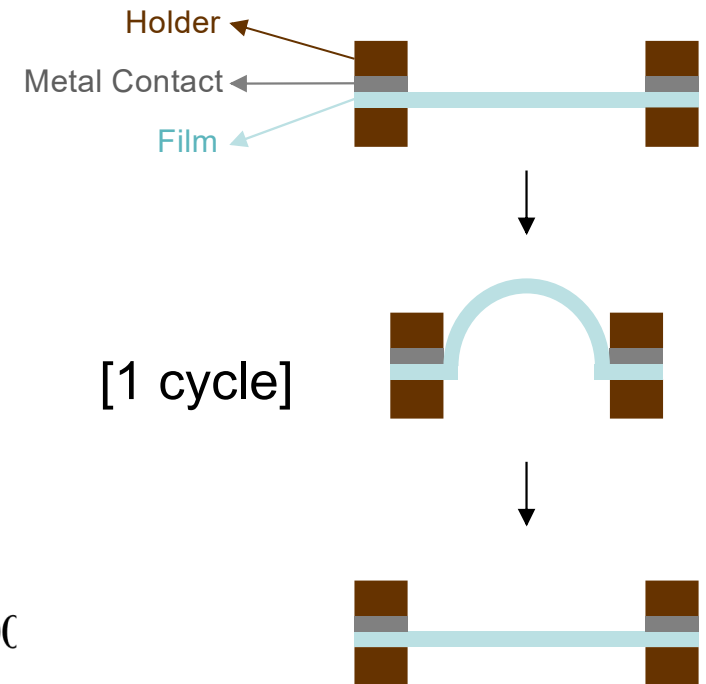
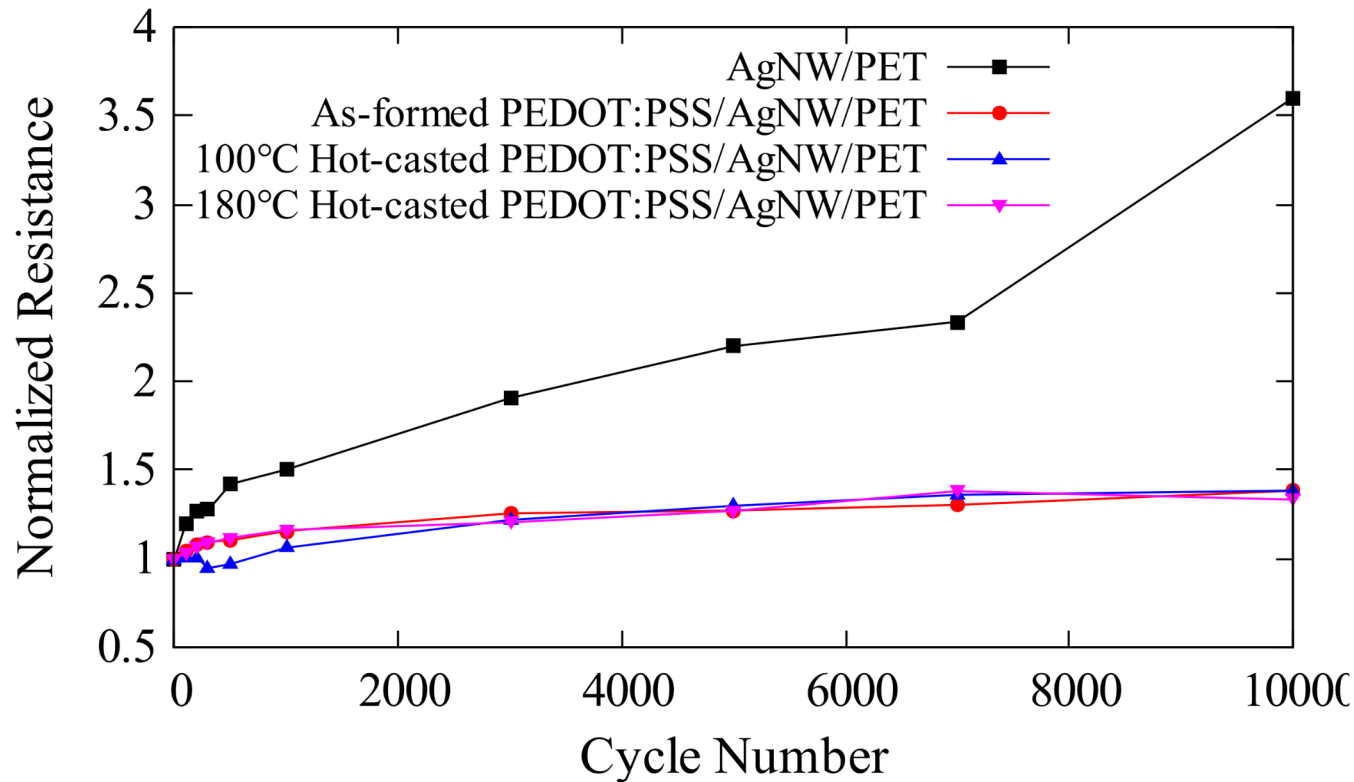
1. Film Fabrication
2. Bending Stability
3. Transmittance
4. Resistance
5. Sticking Stability



1. Film Fabrication

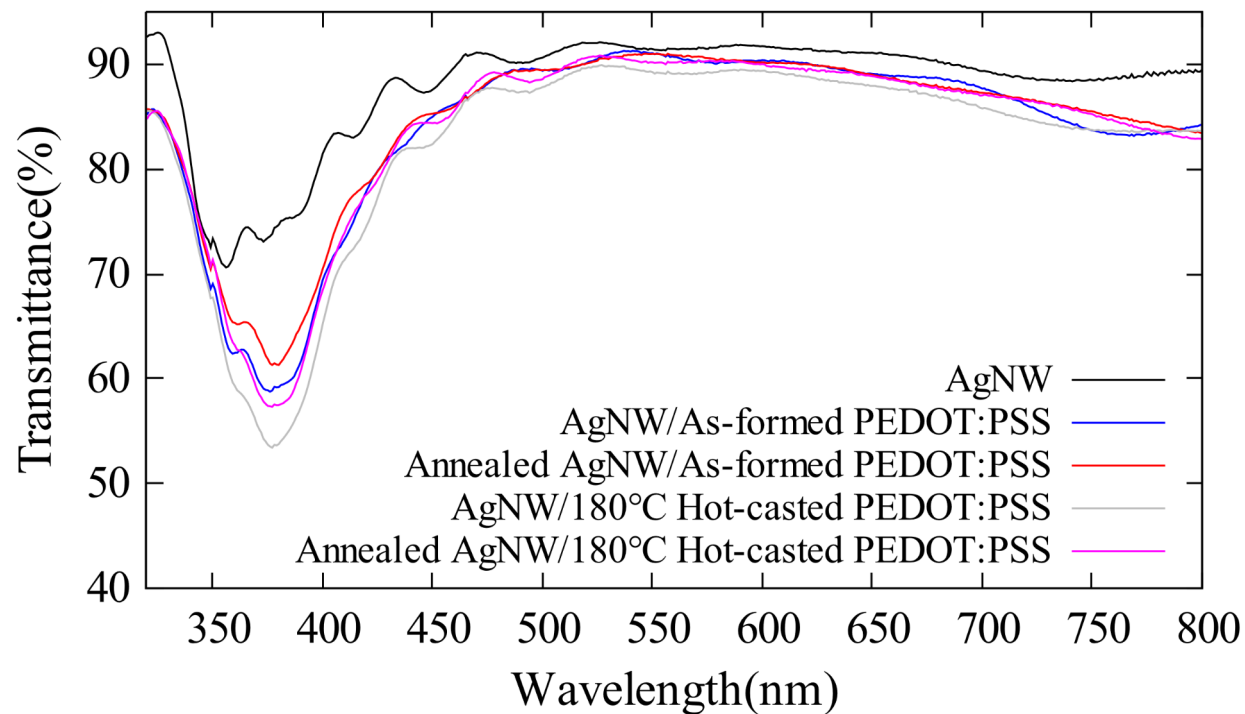


2. Bending Stability



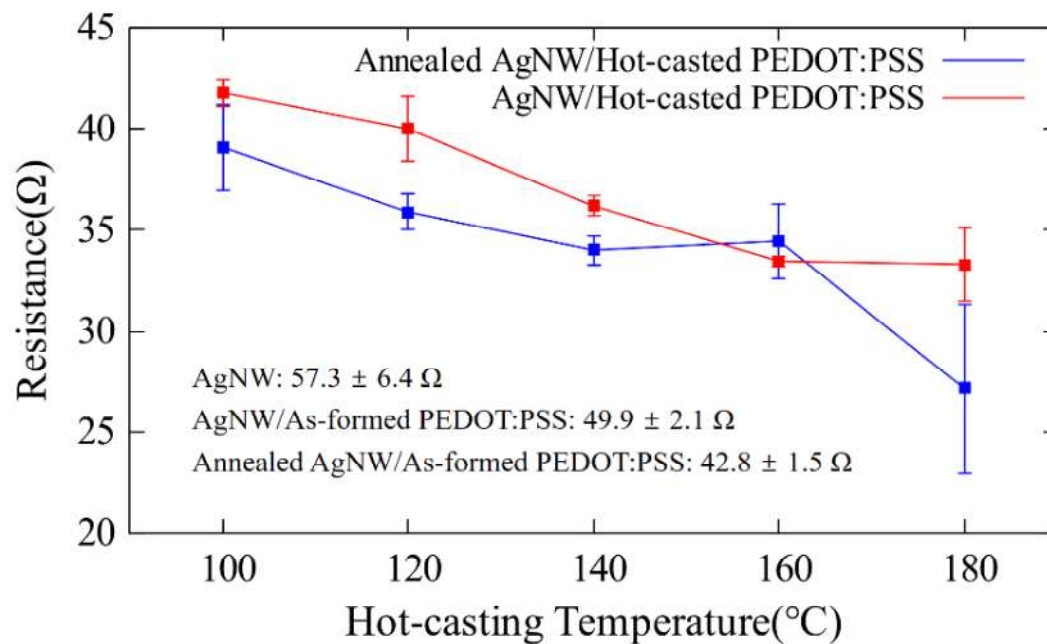
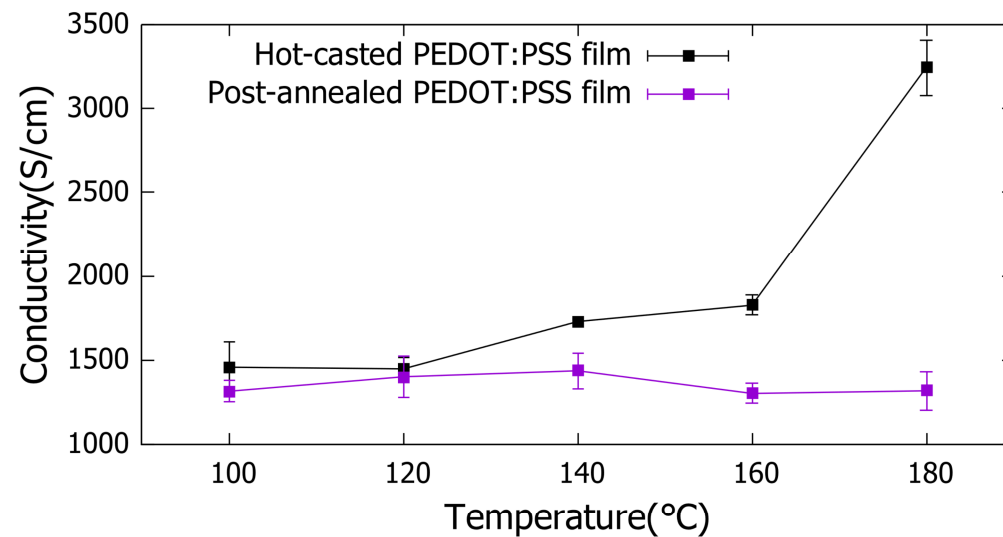
- Bending Radius: 1.75mm

3. Transmittance

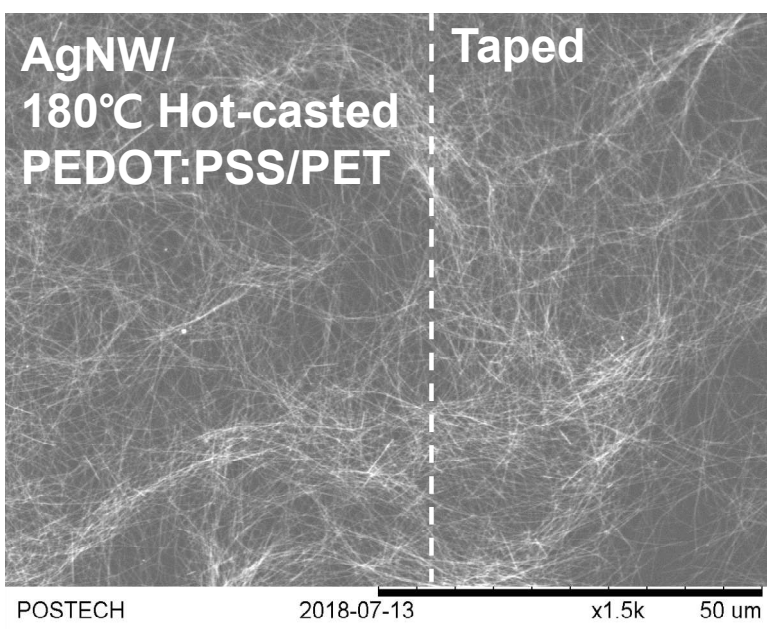
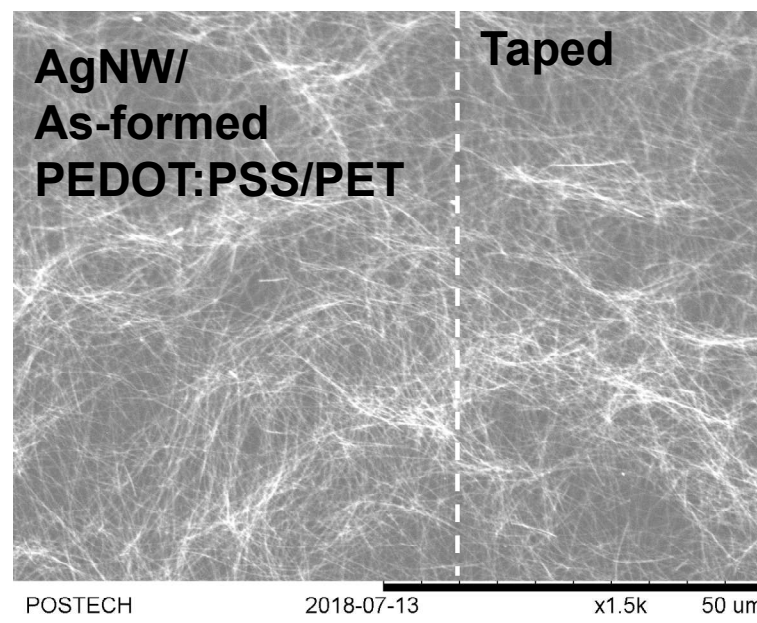
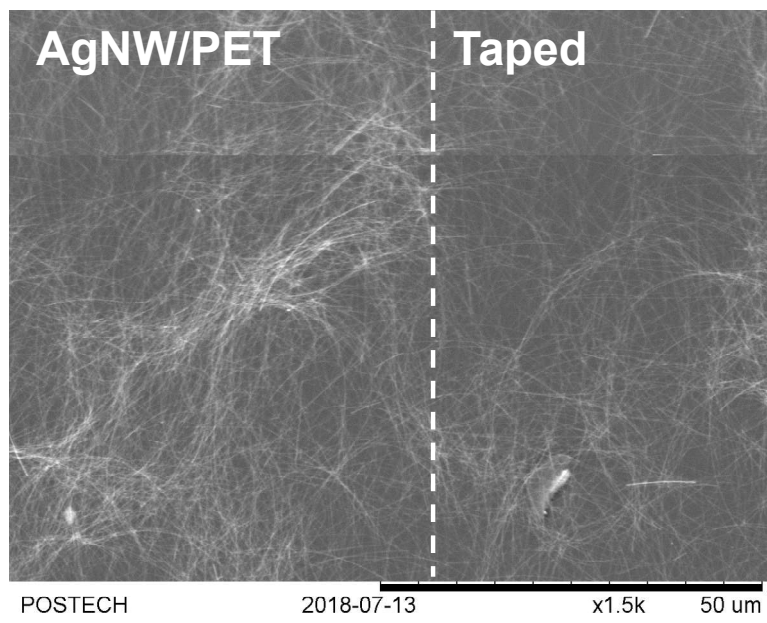


Film	Transmittance(@550nm)
AgNW	91.42%
AgNW/As-formed PEDOT:PSS	90.98%
Annealed AgNW/As-formed PEDOT:PSS	90.19%
AgNW/180°C Hot-casted PEDOT:PSS	91.06%
Annealed AgNW/180°C Hot-casted PEDOT:PSS	89.25%

4. Resistance



5. Sticking Stability



Thank You
