

Preparation and Optoelectrical Property of AgNW Transparent Conductive Film via Slot-Die Coating

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Table S1. Specifications of different types of sodium carboxymethyl cellulose (CMC).

Type of CMC	Molecular weight	Viscosity/mPa·s	Degree of substitution, DS ¹
I	700,000	2500-4500	0.9
II	250,000	1500-3100	1.2
III	250,000	1500-3100	0.9
IV	250,000	1500-3100	0.7
V	90,000	50-100	0.7

¹ The average number of carboxymethyl sodium groups attached to each cellulose unit.

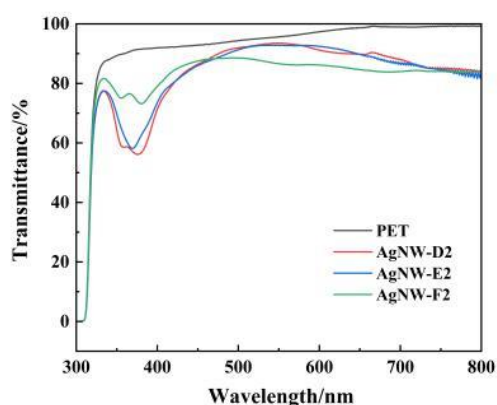


Figure S1. UV-vis spectra of PET and AgNW TCFs (samples D2, E2, F2 in Table 1).



(a) Low haze ~1.0



(b) Medium haze ~2.0



(c) High haze ~3.0

Figure S2. Photos of AgNW TCFs with different haze.

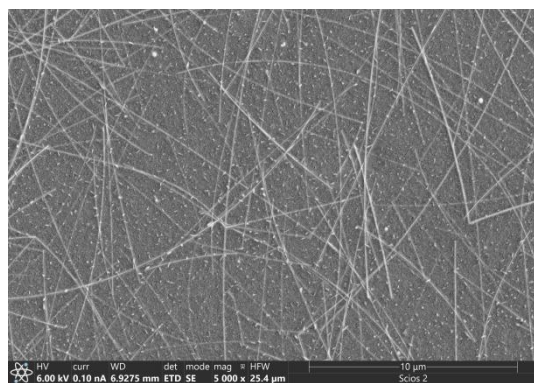


Figure S3. SEM images of AgNW TCF prepared with the volume ratios of 30 and 45 nm AgNWs of 2:1.