

## Electronic Supplementary Information

### **PET/Ag NW/PMMA transparent electromagnetic interference shielding films with high stability and flexibility**

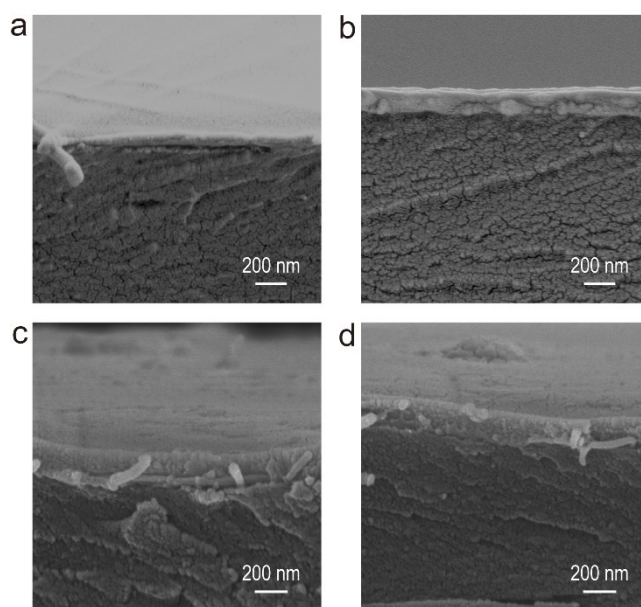
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#### **Supplementary figure**



**Fig. S1** The cross-sectional SEM images of the PET/Ag NW/PMMA FTCEs with 5, 10, 15 and 20 wt% PMMA, respectively.

## Supplementary tables

**Table S1** The transmittances of PET/Ag NW/PMMA FTCFs with different concentrations of PMMA.

PMMA (wt%)	Thickness (nm)	Transmittance before PMMA (%)	Transmittance after PMMA (%)
5	60	95.7	96.1
10	140		96.8
15	170		96.5
20	210		96.6

**Table S2** The performance of PET/Ag NW/PMMA FTCFs.

Area densities (mg/m <sup>2</sup> )	Sheet resistance ( $\Omega$ /sq)	Transmittance (%)
178	7	89.5
161	10	91.3
134	15	93.3
78	21	95.6
73	31	96.2
67	39	97.2
62	50	97.7
53	82	98
45	98	99.2
36	112	99.7