

Electronic Supplementary Information

PRAP-CVD: how to design high conformal PEDOT surfaces

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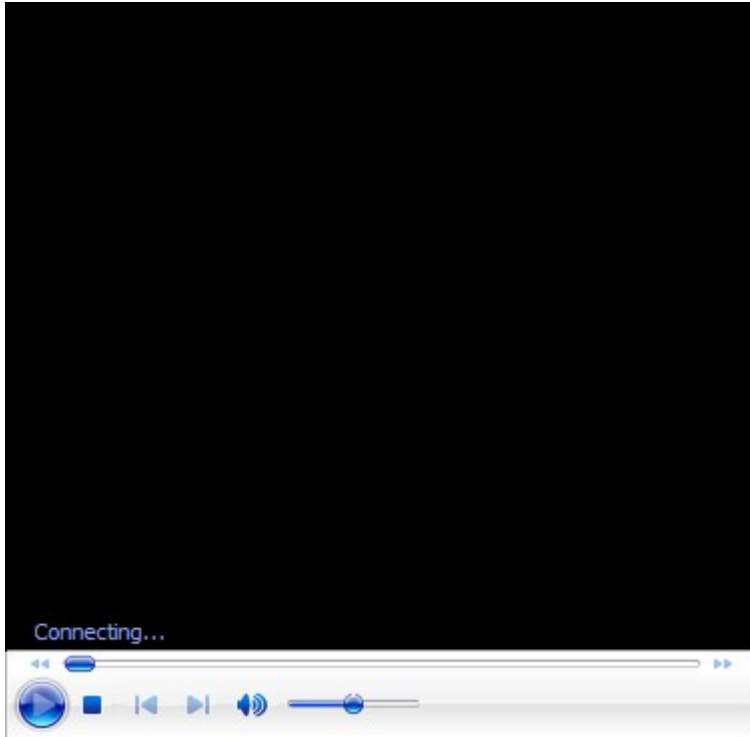
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An electron beam (EB) generated by a scanning electron microscope (SEM) was used to irradiate two samples having different electrical conductive behaviour, and the resulting response was reported in the video S1. The experimental parameters were: voltage of 500V, current of 13 pA, horizontal field width of 2.07mm and acquisition time of 20s. Any further numerical post-treatment was applied.



S2: Behaviour of PET fabric covered with PEDOT and raw one under electron beam irradiation.

The charging characteristics of the no-conductive material as raw PET sample under electron beam irradiation is quite evident in S2 compared to PEDOT, which exhibits its conductive behaviour, begin stable all along the video shot.

This is an additional proof of homogeneous deposition of PRAP-CVD PEDOT film on PET fabrics.