Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A


# Sub-glass transition annealing enhances polymer solar cell performance

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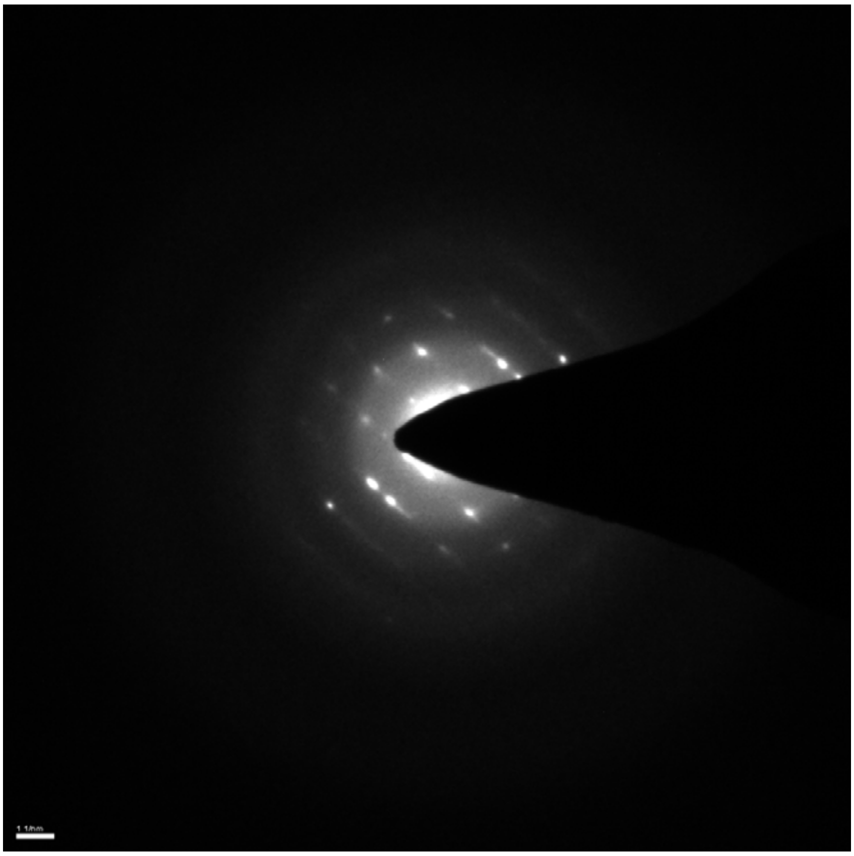

**SI Fig. 1** Electron diffraction pattern of a PCBM crystal grown at 120 °C.

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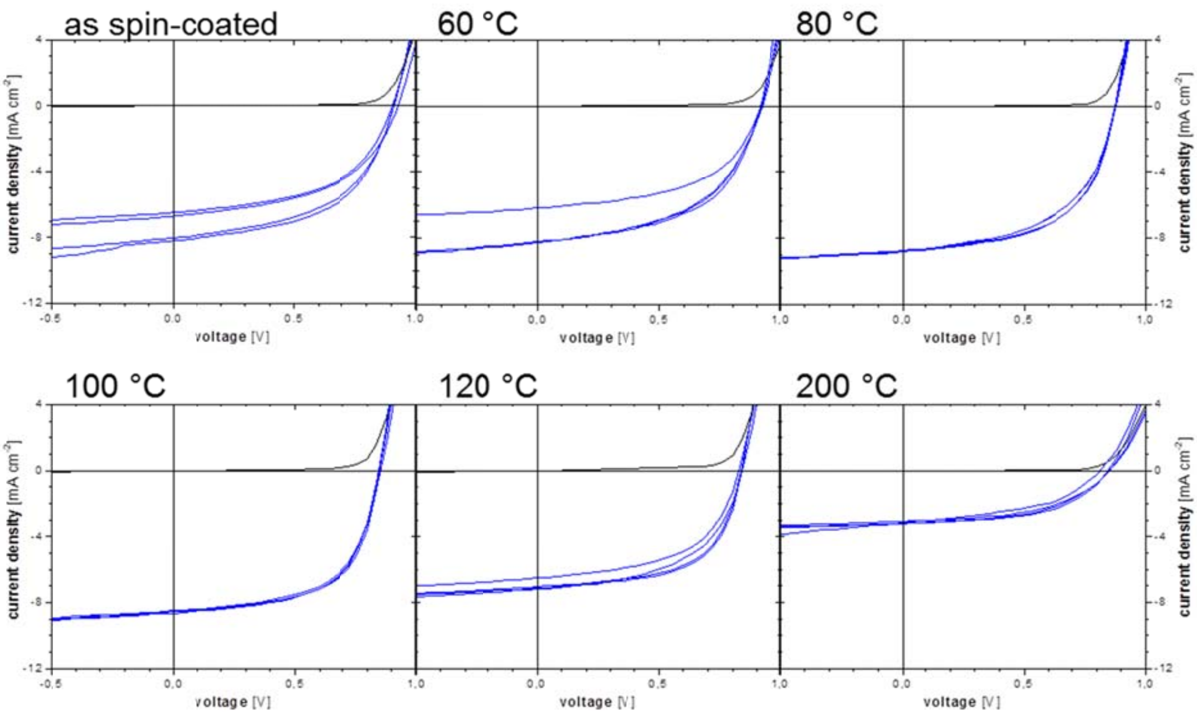
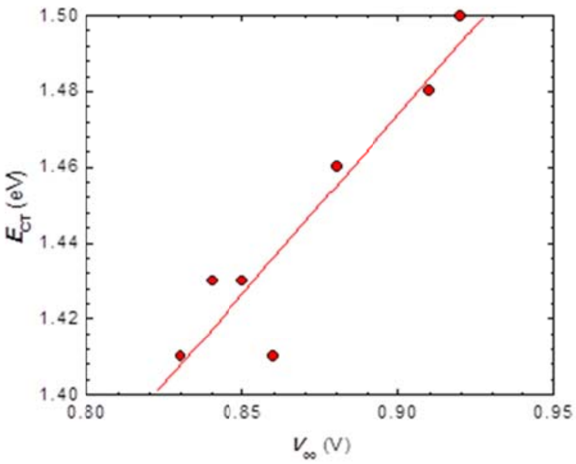



**SI Fig. 2** *JV*-curves of devices prepared by annealing the active layer at the indicated temperatures; device characteristics for four diodes placed on the same substrate are shown together with the dark current curve of one pixel.




**SI Fig. 3** CT state energy as a function of $V_{oc}$ measured for TQ1:PCBM devices with active layers annealed at $T_{anneal}$ ~ 20-200 °C. The red line is a linear fit.