

Supplemental Material

Efficient Polymer Tandem Modules and Solar Cells by Doctor Blading

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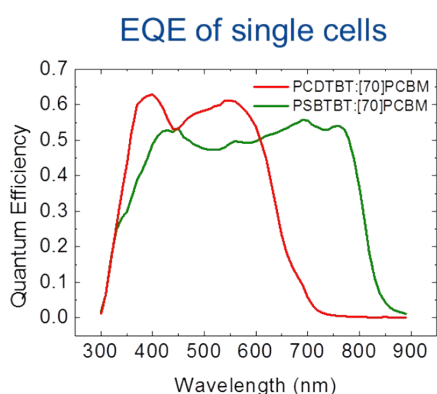


FIG. S1: EQE of single cells with PCDTBT and Si-PCPDTBT blended with PCBM[70].

TABLE 1: Solar cell parameters of the reference subcells optimized for tandem cells and the corresponding tandem cell

cell	V_{oc} (mV)	j_{sc} (mA/cm ²)	FF (%)	PCE (%)
Si-PCPDTBT:[70]PCBM (single ref. cell)	604	13.5	62.2	5.1
PCDTBT:[70]PCBM (single ref. cell)	883	9.2	55.9	4.5
Tandem PCDTBT/ Si-PCPDTBT	1486	8.3	52.6	6.5