

Supporting information

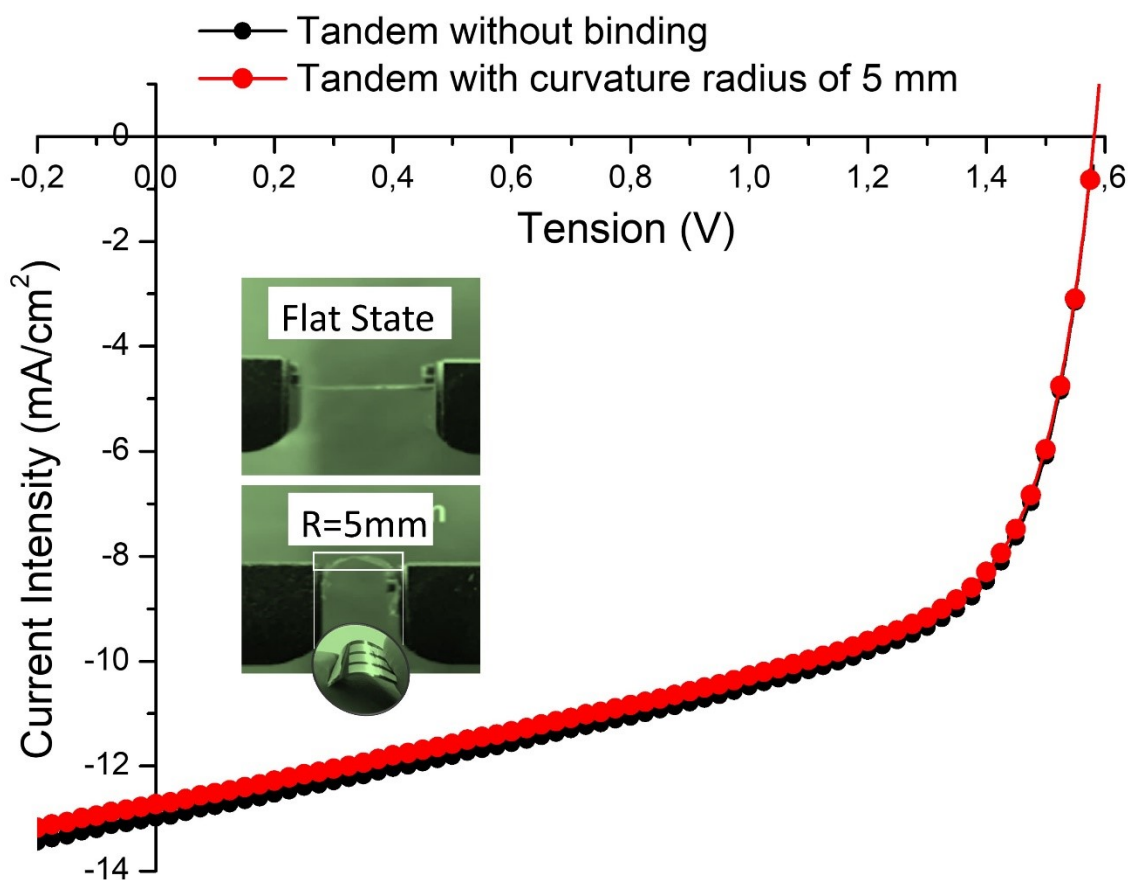


Fig.S1: J-V curves of tandem devices printed on PEDOT-SWCNTs-PEOT-Cellulose doped with HClO₄ on PET substrate as grown (black curves) and after 100 binding cycles with 5 mm of radius (red curves)

Tandem organic solar cell	Binding cycles	Voc(V)	FF	Jsc (mA/cm ²)	PCE (%)
PET/PEDOT-SWNT-PEO-Cellulose doped HClO ₄ /ZnO/P3HT-ICBA/PEDOT doped HClO ₄ /ZnO/PTB7-th :[71] PCBM/MoOx doped with HClO ₄ /Ag	As grown	1.59 (±0.01)	0.62 (±0.01)	13.15 (±0.012)	13.05 (±0.05)
	After 100 binding cycles with 5mm of radius	1.59 (±0.01)	0.62 (±0.01)	13.09 (±0.012)	12.95 (±0.08)

Table.S1: table value of photovoltaics parameters of organic tandem devices printed on PEDOT-SWCNT-PEO-Cellulose doped with HClO₄ on PET as grown and after 100 binding cycles with 5 mm of radius.