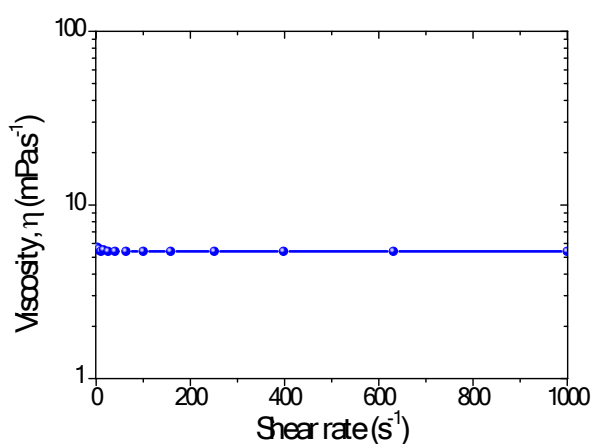


Journal of Material Chemistry C

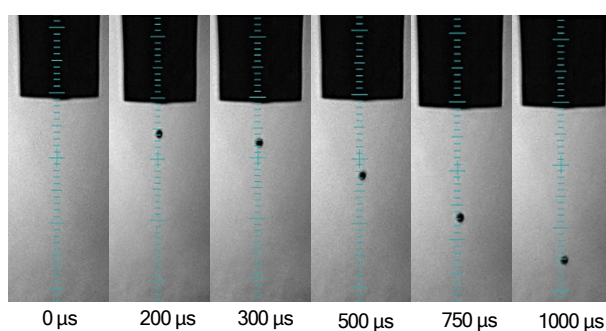
SUPPORTING INFORMATION

All Inkjet-Printed Piezoelectric Electronic Devices: Energy generator, Sensors and Actuators

Damien Thuau^{a*}, Konstantinos Kallitsis^a, Fabrice Domingues Dos Santos^b and Georges Hadziioannou^a



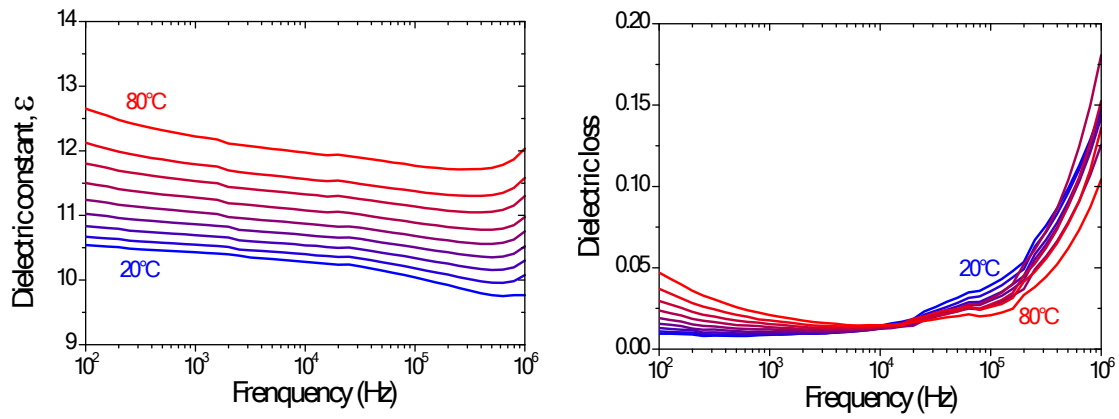
Supporting information 1. Viscosity of the formulated P(VDF-TrFE) based ink for inkjet printing



Supporting information 2. Fast speed image showing the excellent jetting of P(VDF-TrFE) ink without the presence of satellite nor tails on the inkjet drop

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Supporting information 3. Relative permittivity and dielectric loss of inkjet-printed P(VDF-TrFE) layer as a function of frequency for different temperatures ranging from 20°C to 80°C

Supporting information 4. Video showing the generated output voltage from the piezoelectric generators under applied finger pressure

	Substrate (PEN)	Piezoelectric P(VDF-TrFE)	Electrodes (Ag)
Young's modulus, E (GPa)	4	2	40
Thickness, t (μm)	50	2.0 ± 0.1	1.60 ± 0.05
Cantilever length, L (mm)	7.0 ± 0.2		
Cantilever width, b (mm)	3.0 ± 0.2		

Supporting information 5. Material parameters used for modeling of actuator behavior