

Supplementary

Polypyrrole with Embedded Carbide-Derived Carbon with and without Phosphor Tungsten Acid: Linear Actuation and Energy Storage

Zane Zondaka ¹, Quoc Bao Le ² and Rudolf Kiefer ^{2,*}

¹ Intelligent Materials and Systems Lab, Institute of Technology, University of Tartu, Nooruse 1, 50411 Tartu, Estonia

² Conducting Polymers in Composites and Applications Research Group, Faculty of Applied Sciences, Ton Duc Thang University, Ho Chi Minh City 700000, Vietnam

* Correspondence: rudolf.kiefer@tdtu.edu.vn; Tel.: +84-784566419

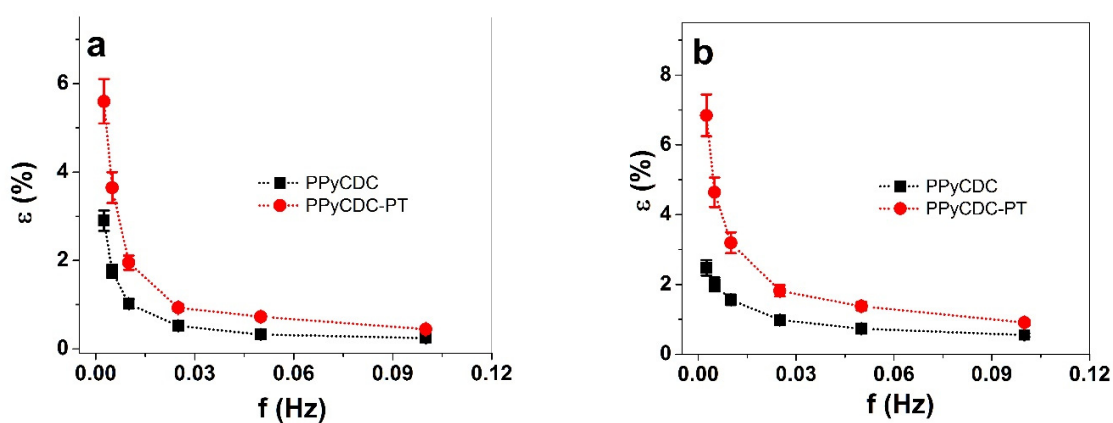


Figure S1. Square wave potential steps of PPyCDC (■) and PPyCDC-PT (●) at applied at applied potential range 0.8V to -0.5V showing strain against frequencies (0.0025Hz to 0.1Hz) using LiTFSI salt in a: propylene carbonate and b: aqueous solvents.