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The excel file contains experimental data for the paper: Electro-polymerisation of 3,4-ethylenedioxythiophene on reticulated vitreous carbon in imidazolium-based chloroaluminate ionic liquid as energy storage material. In particular:

Figure 1; data for the cyclic voltammogram of a PEDOT film on a 0.8 cm² area vitreous carbon disc. The data include the 2nd, 100th, 200th, 300th and 500th cycles. The solution is a monomer-free Lewis neutral EMImCl-AlCl₃. The film was previously polymerised in Lewis neutral EMImCl-AlCl₃.

Figure 5; data for the comparison of PEDOT films polymerised on planar vitreous carbon and on reticulated vitreous carbon by cyclic voltammetry in monomer-free Lewis neutral EMImCl-AlCl₃. .

Date of data collection: from December 2017 - January 2018

Information about geographic location of data collection: University of Southampton, U.K.

Date that the file was created: January 2018