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Supporting Information for

Beyond Graphene Foam, a New Form of Three-Dimensional Graphene for Supercapacitor Electrode

Lu Zhang a, Derek DeArmond ab, Noe T. Alvarez a Daoli Zhao c, Tingting Wang c, Guangfeng Hou a, Rachit Malik a, William R. Heineman c, Vesselin Shanov a,b *

a Department of Mechanical and Materials Engineering, University of Cincinnati, Cincinnati, OH 45221-0072, USA
b Department of Biomedical, Chemical and Environmental Engineering, University of Cincinnati, OH, 45221-0012, USA
c Department of Chemistry, University of Cincinnati, Cincinnati, OH, 45221-0172, USA

Figure S1. Areal density of different nickel pellets and of the corresponding graphene pellets (GPs). In this work, graphene pellet with areal density of 4.5 g/m² was used in electrochemical tests. The error bars represent the standard deviations calculated based on 3 tested specimens for each sample.
Figure S2. Brunauer-Emmett-Teller (BET) study of GPs. (a) Typical nitrogen adsorption–desorption isotherm. (b) Barrett-Joyner-Halenda (BJH) pore size distribution plots of GPs.
**Figure S3.** (a) SEM image of GP/Ppy sample. (b) Cyclic voltammetry curves of GP/Polypyrrole (Ppy) electrode at different scan rates from 5 mV/s to 100 mV/s. (c) Charge-discharge curve of GP/Ppy electrode at a current density of 1 A/g. (d) Raman Spectrum of Ppy/GP electrode showing typical peaks as suggested by the literature

**References**