SI for:

Electrically Conducting Porous Hydrogels by a Self-Assembled Percolating Pristine Graphene Network

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Image analysis:



S1. Sphere size analysis of hydrogel foam. 500 mg of graphite added. X-axis values are in microns, with vertical axis being in percent.



S2. Sphere size analysis of hydrogel foam. 600 mg of graphite added. X-axis values are in microns, with vertical axis being in percent.



S3. Sphere size analysis of hydrogel foam. 700 mg of graphite added. X-axis values are in microns, with vertical axis being in percent.

Digital optical images of graphene stabilized emulsions prior to polymerization



Figure S4. $3-5 \mu m$ graphite after mixing for 10 minutes. The image taken looking down on the emulsion contained in 500 ml beaker.



Figure S5. 3-5 µm graphene stabilized emulsion

after 4 minutes of mixing. The image taken looking down on the emulsion contained in 500 ml beaker.

Figure S6. Rheology data for Figure 6 in the manuscript.

Figure S7. XRD of Asbury Carbon graphite grade Nano24.