

Electronic Supplementary Information

Macroporous Poly(ionic liquid)s and Poly(acrylamide)s Monoliths from CO₂-in-Water Emulsion Templates Stabilized by Sugar-Based Surfactants.

Cédric Boyère,^a Audrey Favrelle,^a Alexandre F. Léonard,^b Frank Boury,^c Christine Jérôme^a
and Antoine Debuigne^{*a}

^a Center for Education and Research on Macromolecules (CERM), Chemistry Department, University of Liege, Sart-Tilman, Allée de la Chimie 3, Bat B6a, B-4000 Liege, Belgium.

^b Laboratory of Chemical Engineering, University of Liege, Sart-Tilman, Allée de la Chimie 3, Bat B6a, B-4000 Liege, Belgium.

^c LUNAM Université, UMR S-1066, Micro-Nanomédecines Biomimétiques, IBS Institut de Biologie en Santé, Bâtiment IRIS, 4 rue Larrey, F-49933 Angers, France.

* adebuigne@ulg.ac.be ; Phone : +32 4 366 35 65 ; Fax : +32 4 366 34 97.

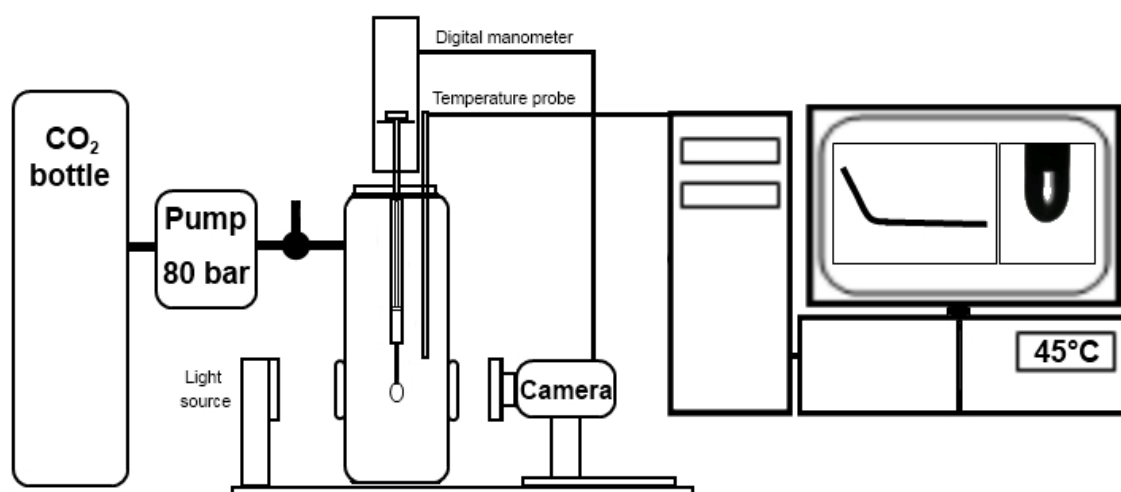


Figure S1. Schematic representation of the pendant drop tensiometer equipped with a high pressure cell view.

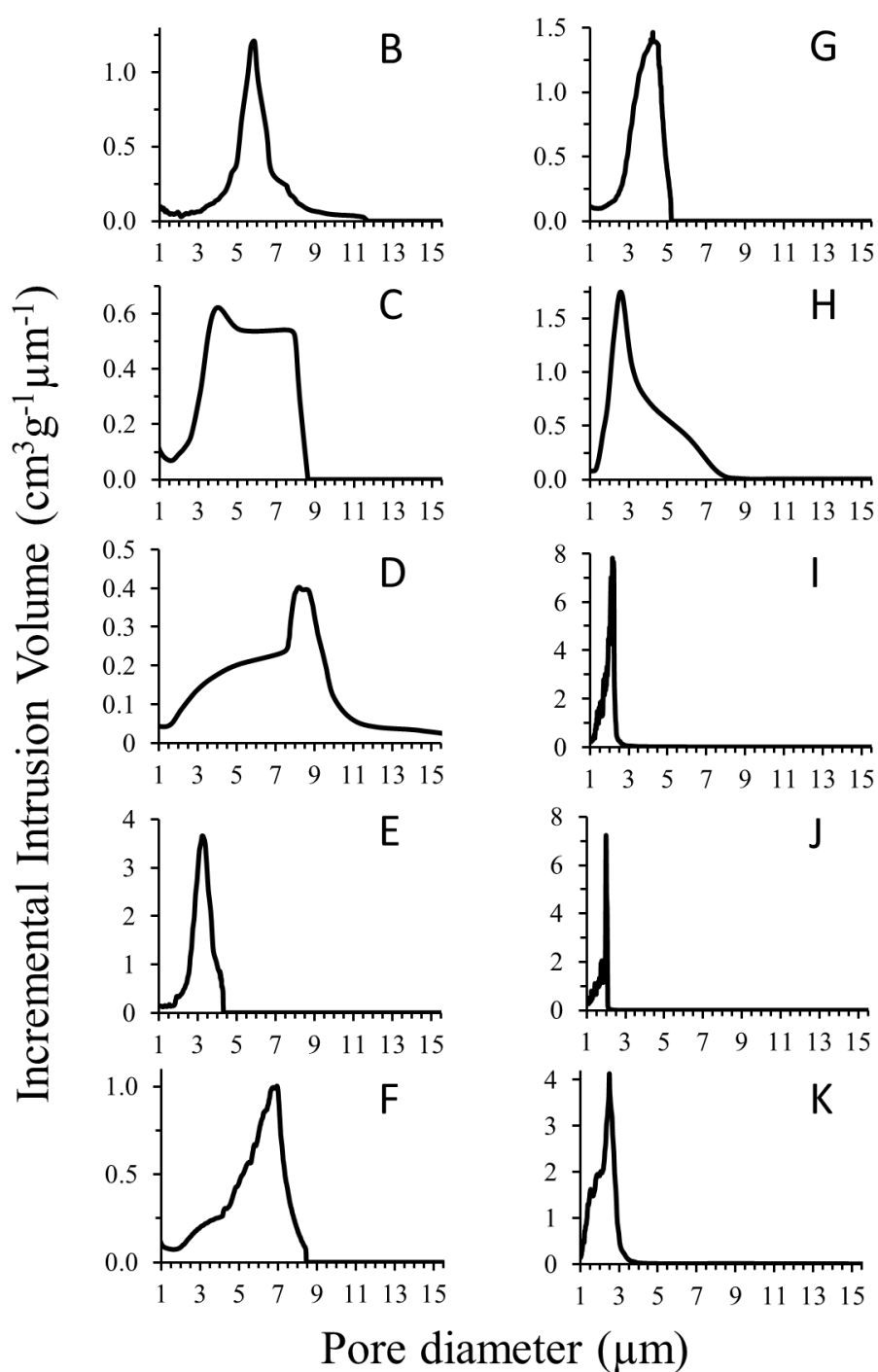


Figure S2. Mercury intrusion porosimetry curves for the PAM polyHIPE samples **B-H** (see Table 1 for the detailed preparation conditions) and the PEtVImBr polyHIPE samples **I-K** (see Table 2 for the detailed preparation conditions). It is worth noting that the maximum value of the ordinate axes is not the same on each graph.