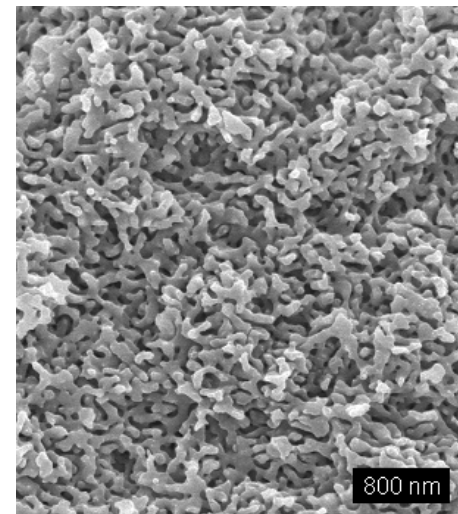
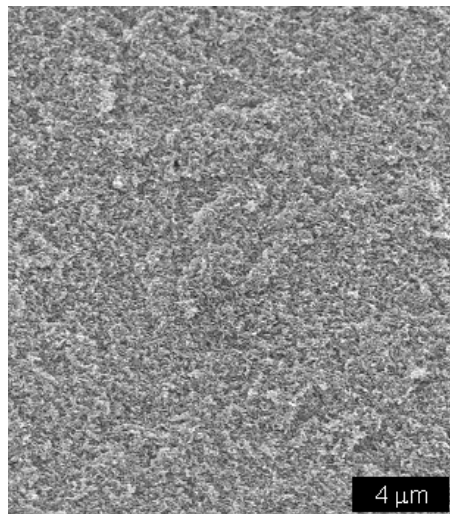
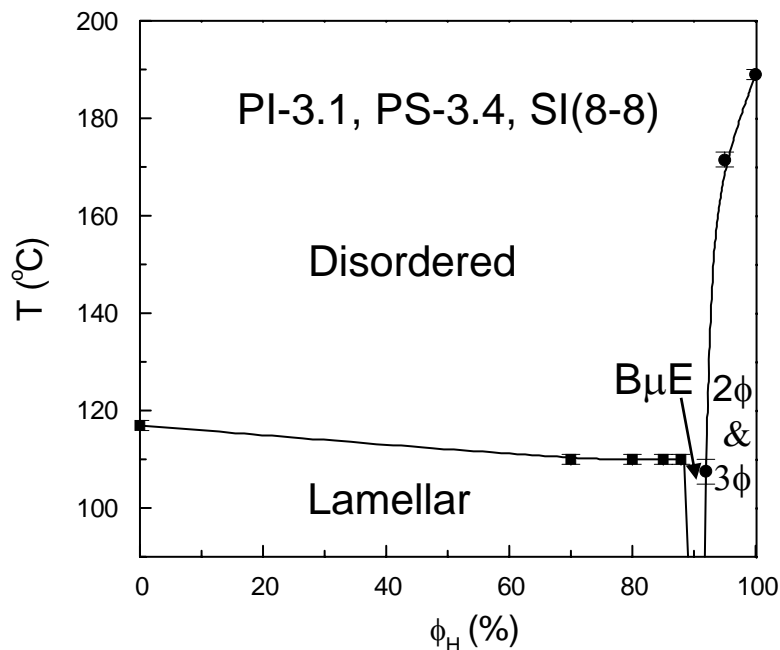


Mesoporous Template from Polymeric Bicontinuous Microemulsion

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Crosslinked PI at RT with S_2Cl_2 vapor. PS removed with hexane. Backfilled with ionic liquid (bmimPF₆), and conductivity is about 1/4 of pure ionic liquid, indicating a "tortuosity" factor of about 2. Possible applications in membrane ultrafiltration, photovoltaics, catalysis supports, etc.

Zhou, N., Lodge, T. P., Bates, F. S., *Nano Letters* **2006**, 6(10), 2354.

