# Supporting Information

## Polystyrene microparticles size-controlled by thermo-dynamic emulsion polymerization

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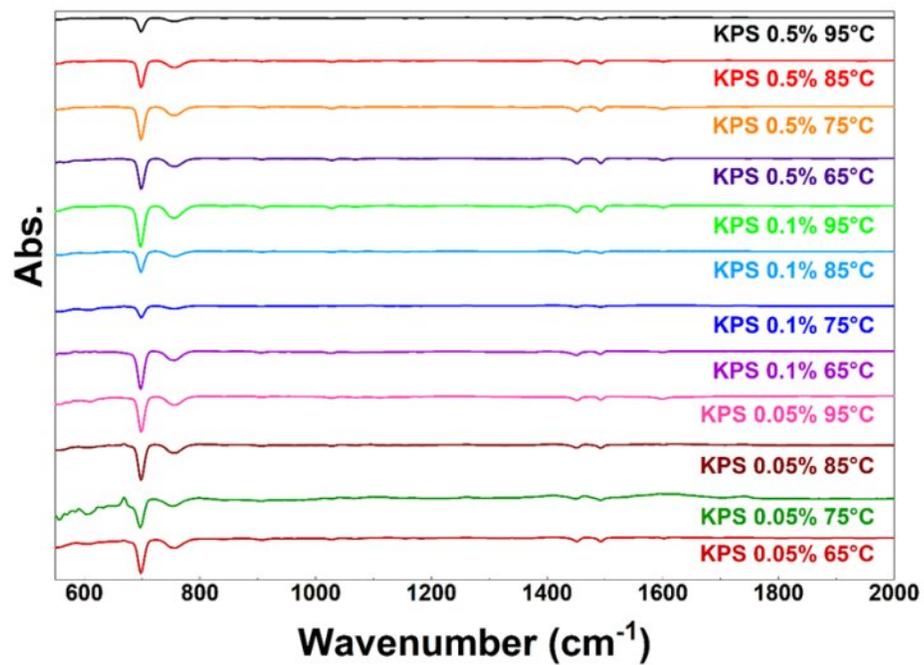
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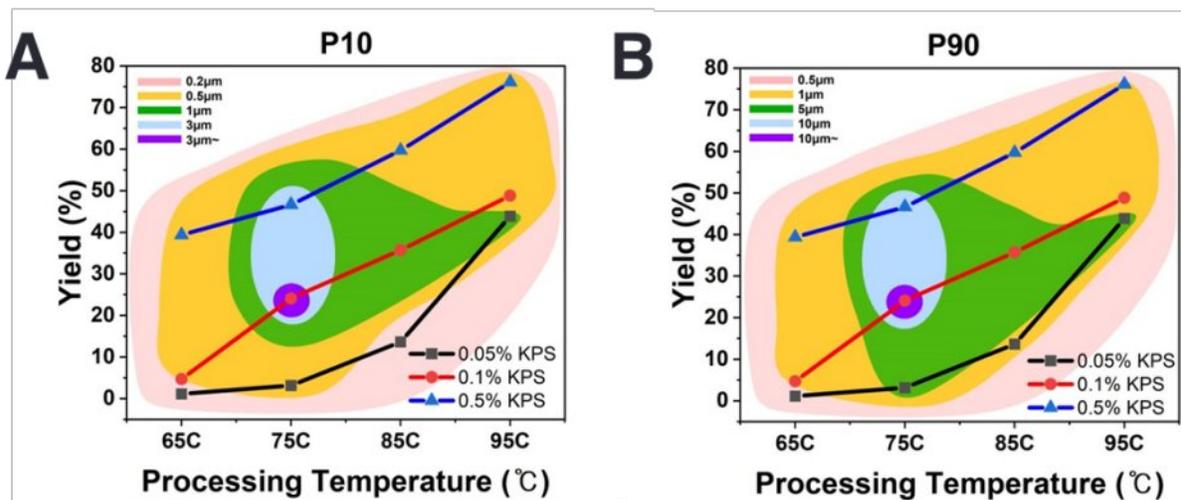**Figure 1.** IR spectrums of all synthesized polystyrene particles.

**Figure S2.** Topographic chart of size distribution with all the conditions of temperature and initiator concentration. (A) Size of the 1st decimal particle (B) Size of the 9th decimal particle.
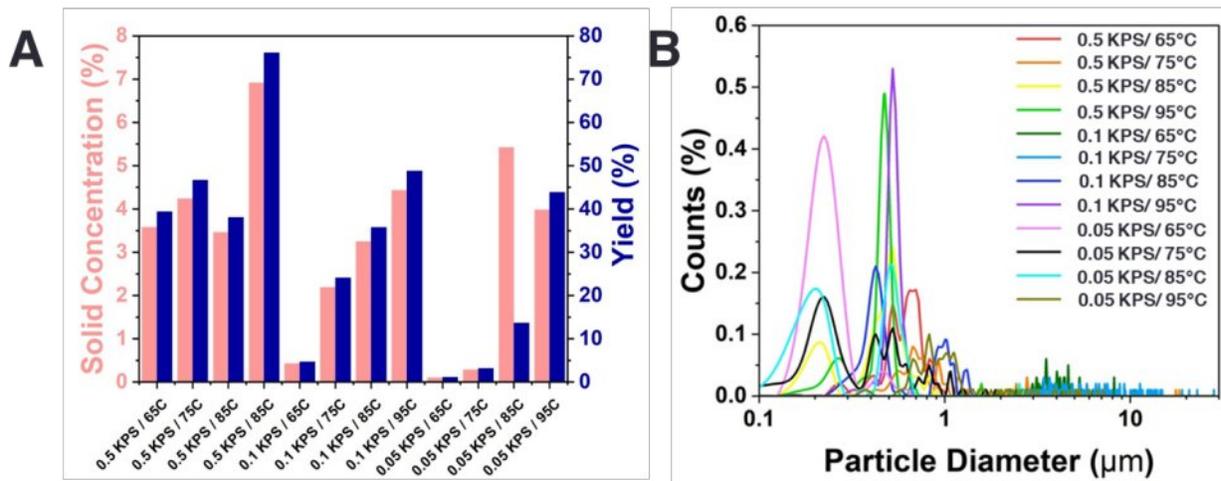
**Figure S3.** Graph of statistical data of the size of synthesized polystyrene particles. (A) Solid concentration compares to Sphere particles yield (B) all conditions size distribution graph
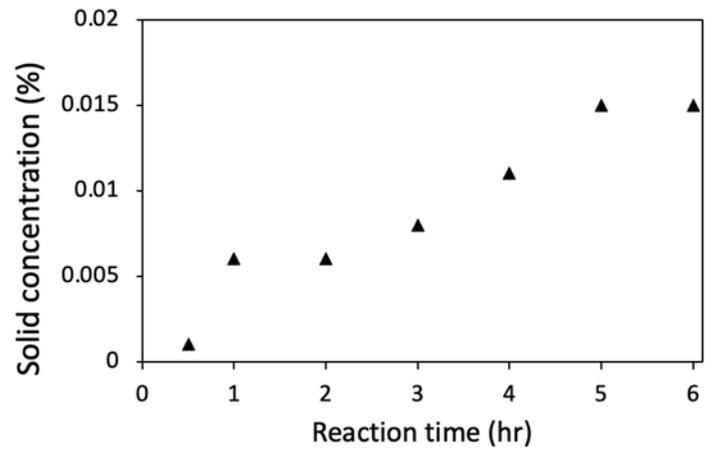
**Figure S4.** Graph of synthesized polystyrene particles solid concentration per time.
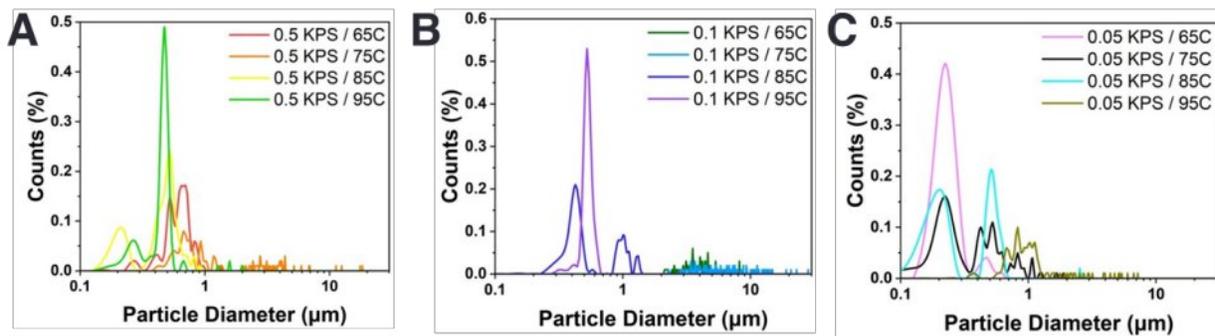
**Figure S5.** Size distribution diagrams of all centration conditions (A) [KPS] = 0.5% (B) [KPS] = 0.1% (C) [KPS] = 0.05%