## Size-Tunable Nanoparticle Synthesis by RAFT Polymerization in CO<sub>2</sub>-Induced Miniemulsions

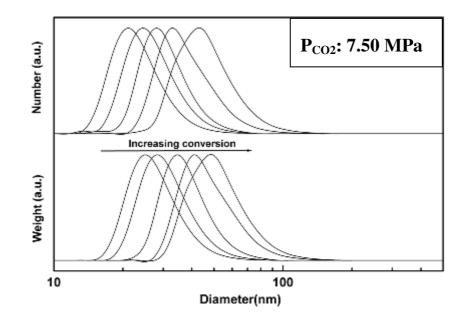
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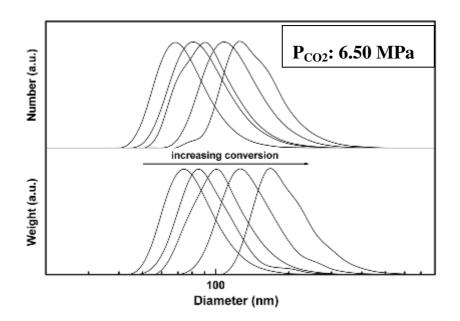
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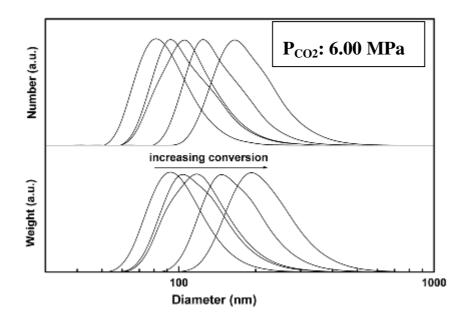
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**Figure 1S.** Particle size distributions based on number and weight obtained by DLS at different conversion for  $CO_2$ -induced RAFT miniemulsion polymerization of styrene initiated by VA-044 at 50 °C using Dowfax 8390 as surfactant at 7.50 MPa with [St]/[BDT] = 400 and [BDT]/[VA-044] = 3 (33 wt% Dowfax 8390 rel. St; 8 wt% HD rel. St; 11.6 wt% St rel. water).



**Figure 2S.** Particle size distributions based on number and weight obtained by DLS at different conversion for  $CO_2$ -induced RAFT miniemulsion polymerization of styrene initiated by VA-044 at 50 °C using Dowfax 8390 as surfactant at 6.50 MPa with [St]/[BDT] = 400 and [BDT]/[VA-044] = 3 (33 wt% Dowfax 8390 rel. St; 8 wt% HD rel. St; 11.6 wt% St rel. water).



**Figure 3S.** Particle size distributions based on number and weight obtained by DLS at different conversion for CO<sub>2</sub>-induced RAFT miniemulsion polymerization of styrene initiated by VA-044 at 50 °C using Dowfax 8390 as surfactant at 6.00 MPa with [St]/[BDT] = 400 and [BDT]/[VA-044] = 3 (33 wt% Dowfax 8390 rel. St; 8 wt% HD rel. St; 11.6 wt% St rel. water).