materials

MDPI

Supplementary Materials

# Formulation of Bicelles Based on Lecithin-Nonionic Surfactant Mixtures

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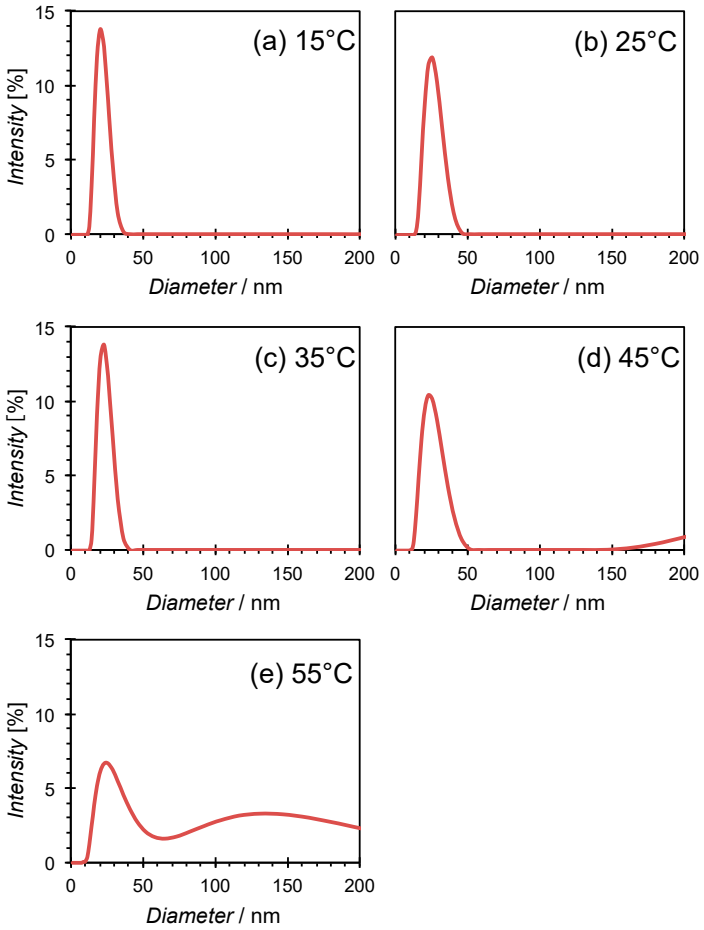


**Figure S1.** Particle diameter distributions of $W_S$ = 0.005 and $X_C$ = 0.6 at (**a**) 15 °C, (**b**) 25 °C, (**c**) 35 °C, (**d**) 45 °C, (**e**) 55 °C.

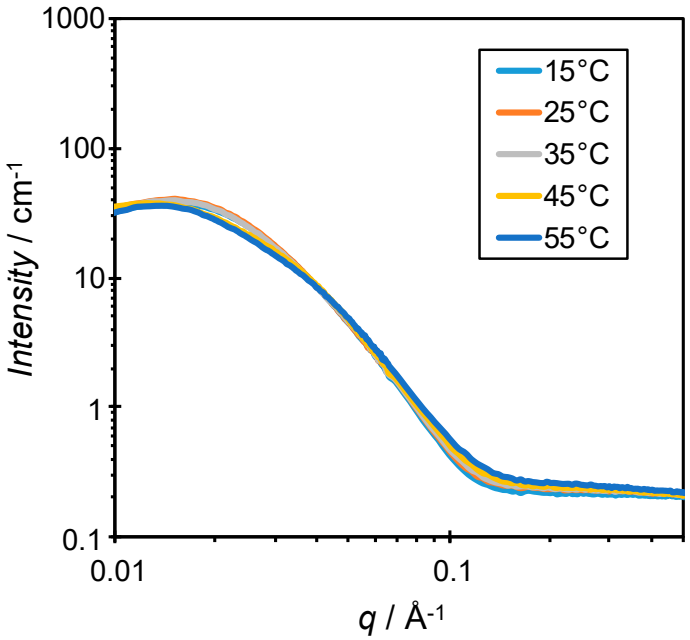


**Figure S2.** SANS results at different temperatures for dispersions of the SL-ChEO$_{10}$ system ($X_C$ = 0.6, $W_S$ = 0.02).

**Table S1.** SANS fitting parameter.

| **Back Ground *b*** | **0.224 cm$^{-1}$** |
|---|---|
| Scale $s$ | 1.1255 [-] |
| Length $L$ | 34.8 nm |
| Face thickness $T_f$ | 0.8 nm |
| Rim thickness $T_r$ | 1.0 nm |
| Core radius $R$ | 2.2 nm |
| Face SLD $d_f$ | $0.5262 \times 10^{-6}$ Å$^{-2}$ |
| Rim SLD $d_r$ | $0.6510 \times 10^{-6}$ Å$^{-2}$ |
| Core SLD $d_c$ | $-0.3694 \times 10^{-6}$ Å$^{-2}$ |
| Solvent SLD $d_{solv}$ | $3.127 \times 10^{-6}$ Å$^{-2}$ |
| Charge $Z$ | 11.441 e |
| Dielectric constant $\varepsilon$ | 75.837 [-] |
| Volume fraction $\varphi$ | 0.0361 [-] |

Note: SLD stands for scattering length density.