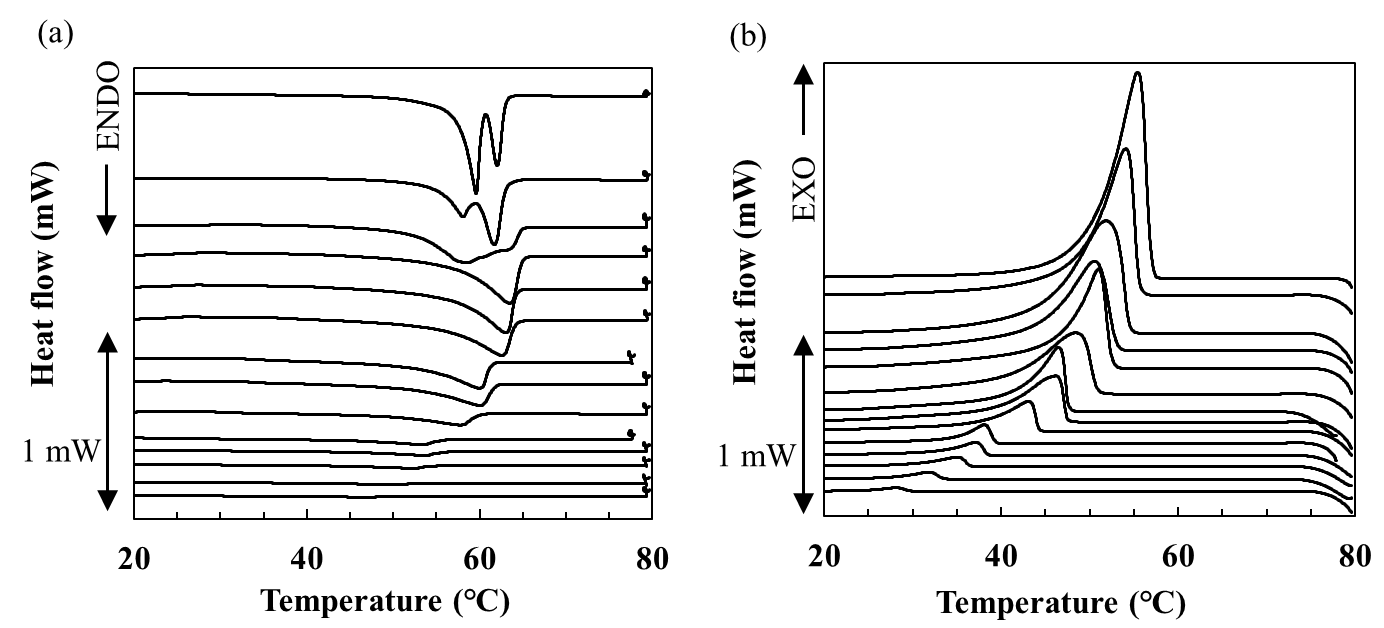
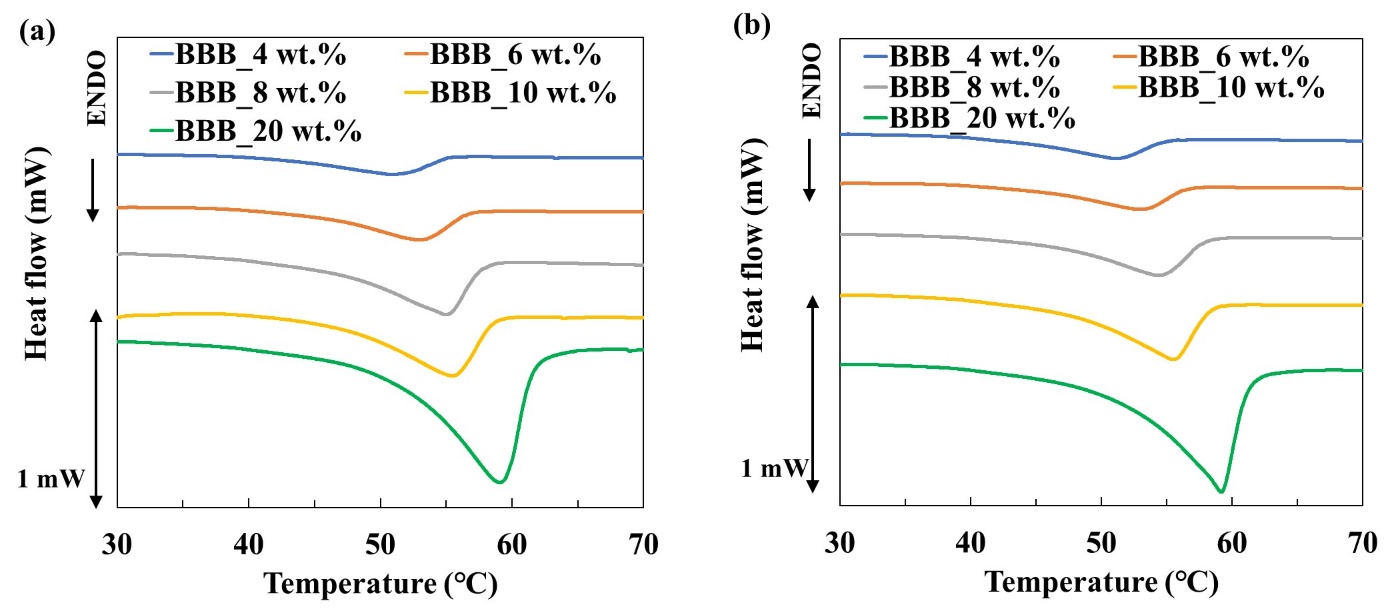
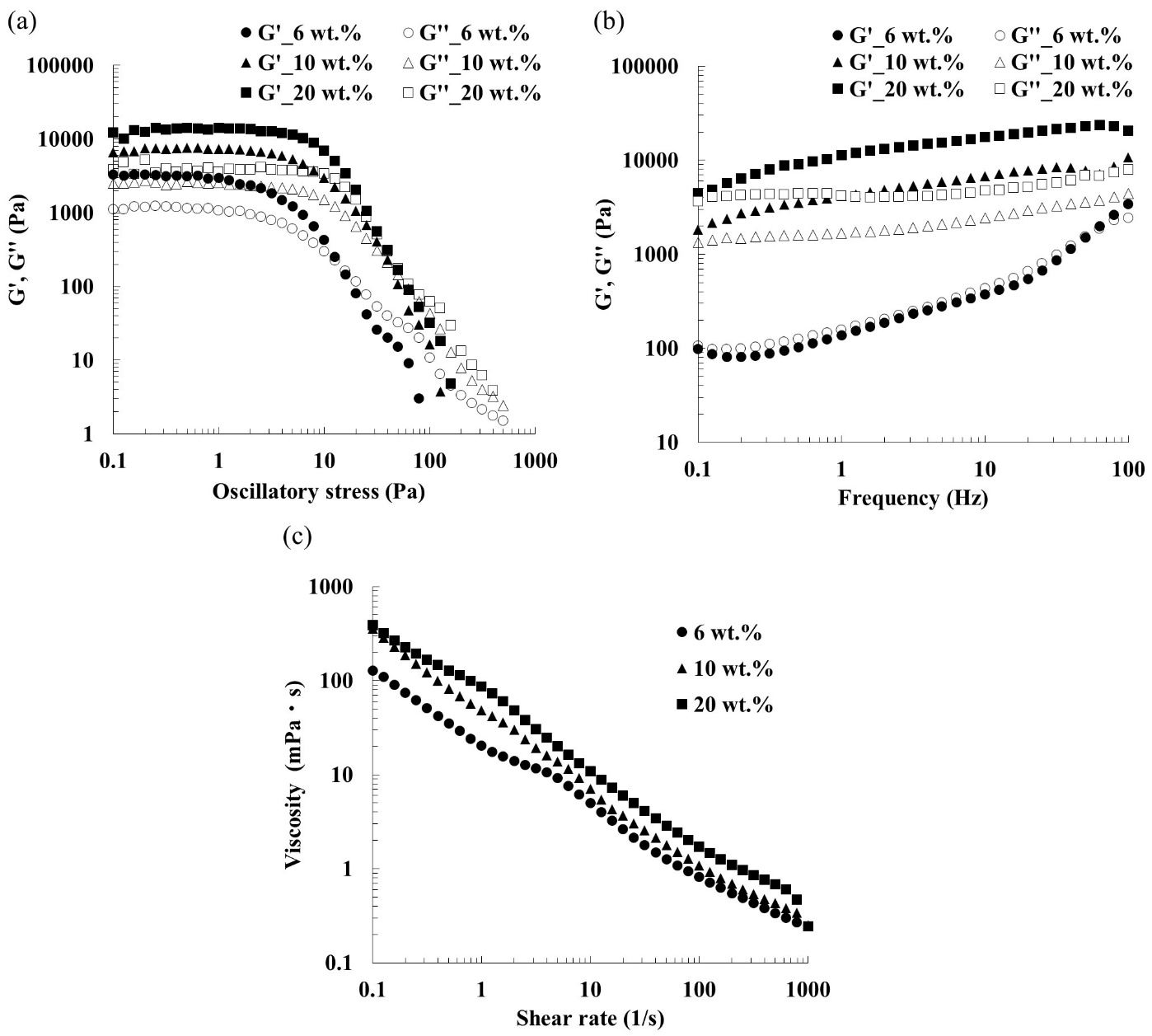
**Supporting Information**



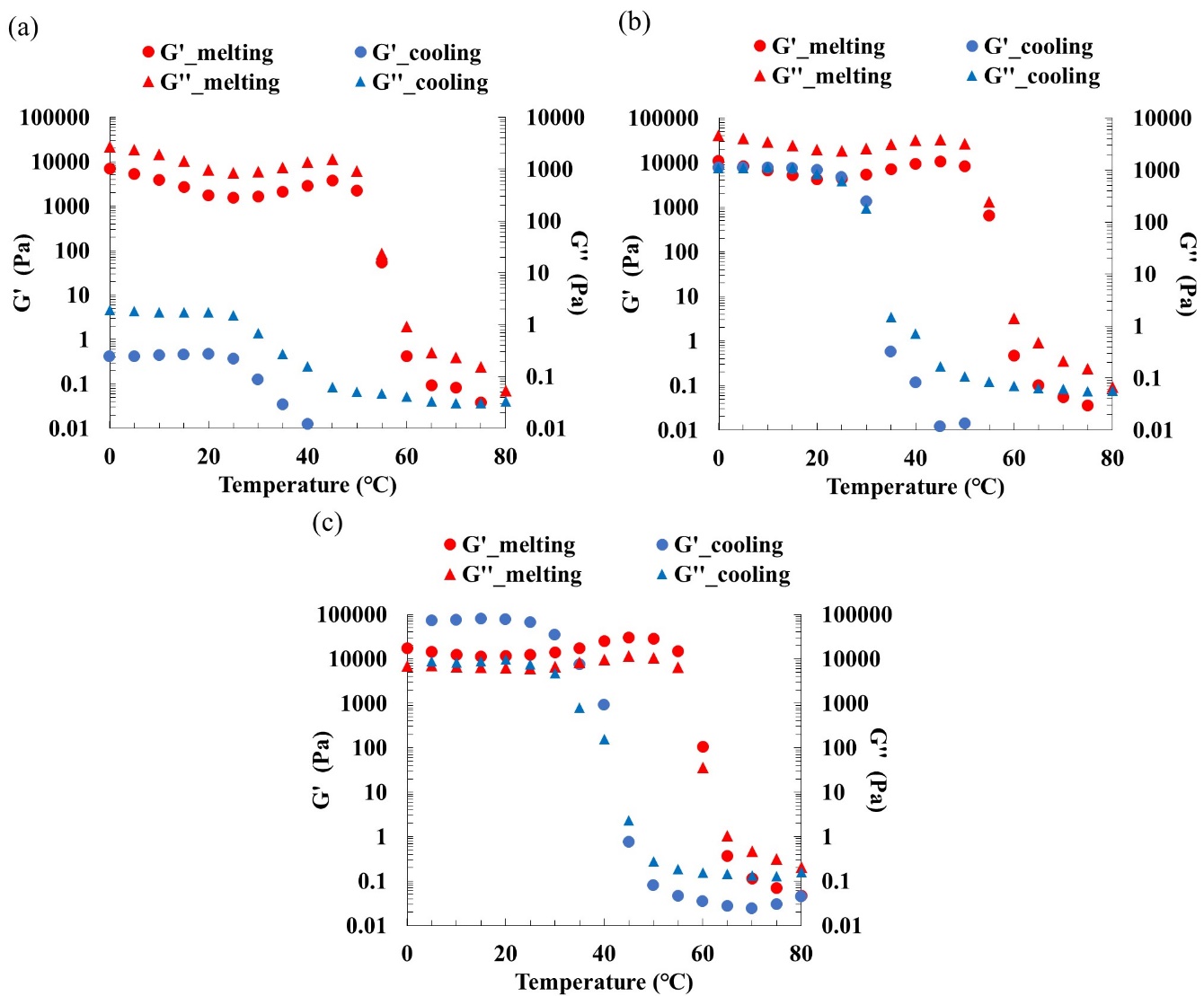
**Fig. S1** (**a**) Melting and (**b**) cooling curves of BBB/olive oil mixtures at 2, 4, 6, 8, 10, 20, 30, 40, 50, 60, 70, 80, 90, and 100 wt.% BBB from the bottom to the top of each figure



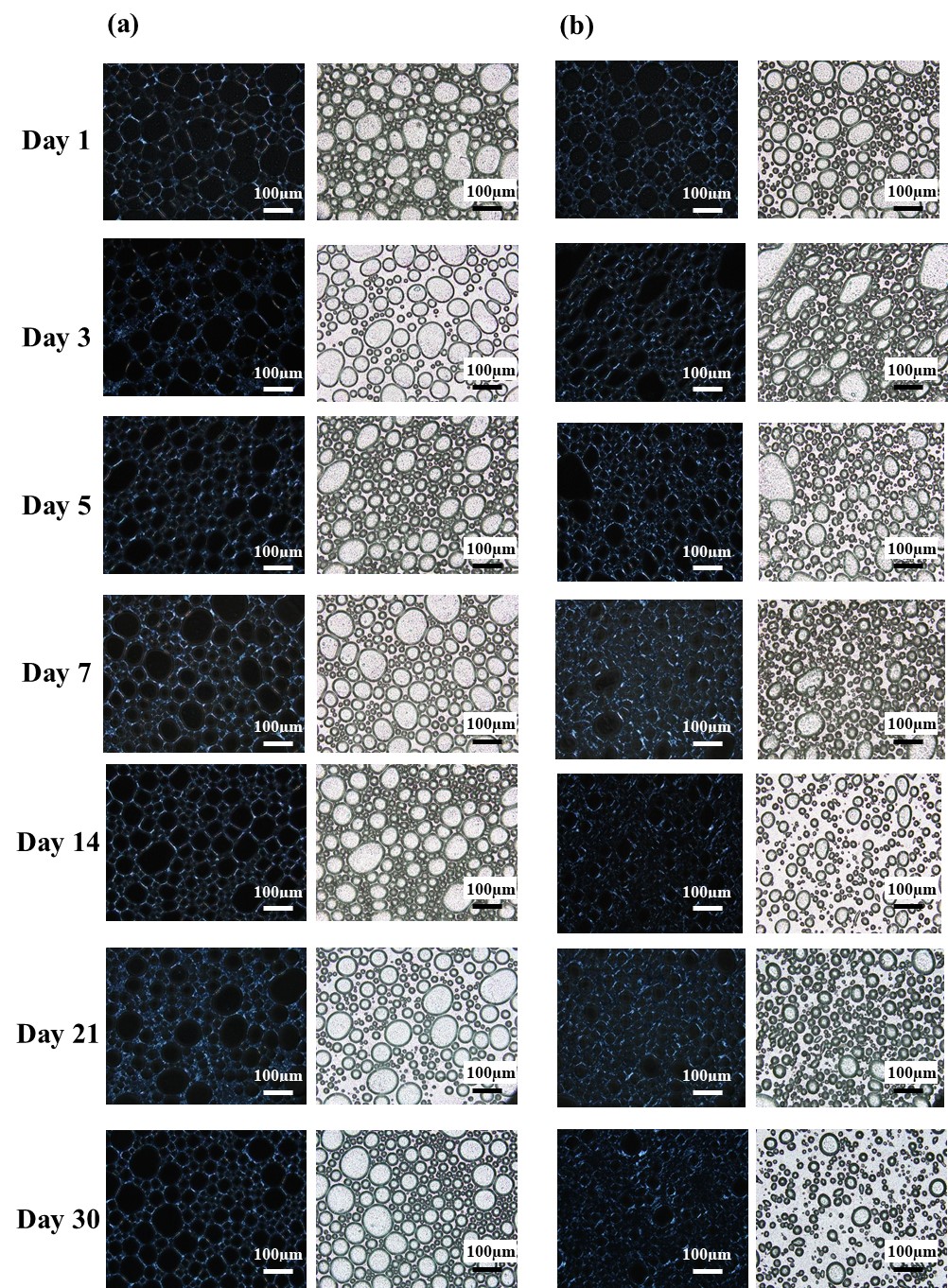
**Fig. S2** Melting curves of oleofoams at (**a**) 60 min and (**b**) 120 min



**Fig. S3** (**a**) Strain, (**b**) frequency, and (**c**) flow sweeps for oleofoams containing 6, 10, and 20 wt.% BBB



**Fig. S4** Temperature sweep curves (a cycle between 0 °C and 80 °C) for oleofoams at BBB concentrations of (**a**) 6 wt.%, (**b**) 10 wt.%, and (**c**) 20 wt.%



**Fig. S5** Photomicrographs of oleofoams with 10 wt.% BBB at (**a**) 20 °C and (**b**) 40 °C under polarized light (**left**, 20X) and bright field (**right**, 20X)

**Table S1** Thermal parameters (Tm and ΔHm) for oleofoams with different BBB concentrations at 60 min and 120 min. Values are given as means ± SD from triplicate measurements.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 60 min. |  |  |  |  |
| Sample | Temperature (°C) | |  | ΔH (mJ/mg) |
|  | onset | peak top | offset |  |
| BBB 4 wt.% | 43.2±1.86 | 51.01±0.19 | 54.93±0.15 | 5.79±0.26 |
| BBB 6 wt.% | 45.40±0.82 | 53.26±0.40 | 56.62±0.01 | 9.56±1.33 |
| BBB 8 wt.% | 46.55±1.23 | 54.48±0.41 | 57.75±0.17 | 14.84±1.14 |
| BBB 10 wt.% | 46.76±1.50 | 55.59±0.10 | 58.73±0.24 | 16.9±1.05 |
| BBB 20 wt.% | 52.22±1.75 | 59.06±0.09 | 61.72±0.19 | 40.08±2.05 |
| 120 min. |  |  |  |  |
| Sample | Temperature (°C) | |  | ΔH (mJ/mg) |
|  | onset | peak top | offset |  |
| BBB 4 wt.% | 43.68±1.71 | 51.09±0.17 | 54.91±0.09 | 7.08±0.72 |
| BBB 6 wt.% | 45.04±0.74 | 52.96±0.06 | 56.37±0.18 | 9.52±0.95 |
| BBB 8 wt.% | 46.86±1.46 | 54.44±0.11 | 57.54±0.33 | 14.83±1.78 |
| BBB 10 wt.% | 47.31±0.69 | 55.54±0.05 | 58.29±0.38 | 22.93±0.98 |
| BBB 20 wt.% | 53.54±2.18 | 59.00±0.20 | 61.21±0.21 | 39.59±3.55 |