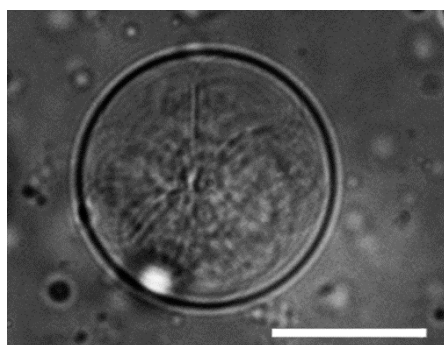
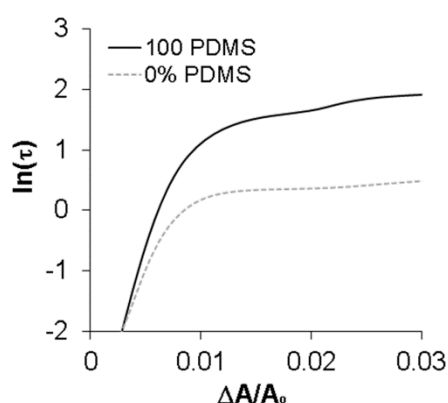


# Supplementary Material: Mechanical Characterization of Hybrid Vesicles Based on Linear Poly(Dimethylsiloxane-*b*-Ethylene Oxide) and Poly(Butadiene-*b*-Ethylene Oxide) Block Copolymers

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**Figure S1.** A zoomed-in image of a multilamellar PBd-PEO vesicle observed within the vesicle population shown in Figure 2A; scale bar = 50  $\mu\text{m}$ .



**Figure S2.** Representative  $\ln(\tau)$  versus strain curves for pure PDMS<sub>12</sub>PEO<sub>46</sub> (100% PDMS) and pure PBd<sub>33</sub>PEO<sub>20</sub> (0% PDMS) vesicles at low strains. Note the transition in the slope of the  $\ln(\tau)$ -strain curves occurring at  $\approx 1\%$  areal strain, indicative of a transition from the “low tension” regime to the “high tension” regime. Assessment of the bending modulus associated with this low tension regime was not conducted as greater resolution within this region would have been necessary to yield accurate bending modulus values.