Supporting Information

Self-assembly of cationic gemini surfactants, alkanediyl-bis-(dimethyldodecyl-ammonium bromide), in cyclohexane: effects of spacer length on their associating into lyotropic liquid crystalline or reverse vesicles

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Fig.S1 Polarising micrographs of the 12-2-12/SH (200/400 mmol·L^{-1}) in cyclohexane at W_0 = 36, 42, and 48 (from left to right)

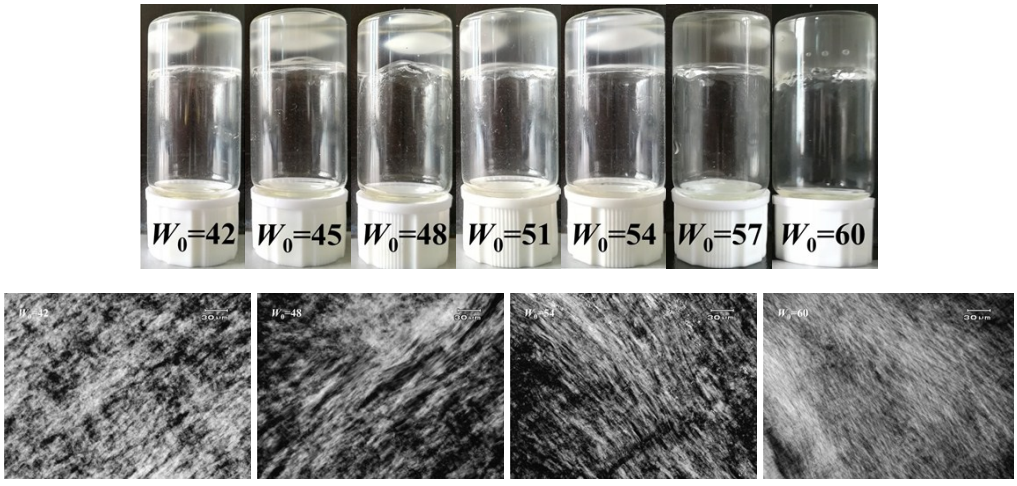

Fig.S2 Appearances of equal charge mixed 12-6-12/SL (200/400 mmol·L^{-1}) solutions at different W_0. Polarising micrographs (POMs) of the samples at W_0 = 42, 48, 54 and 60 (from left to right).

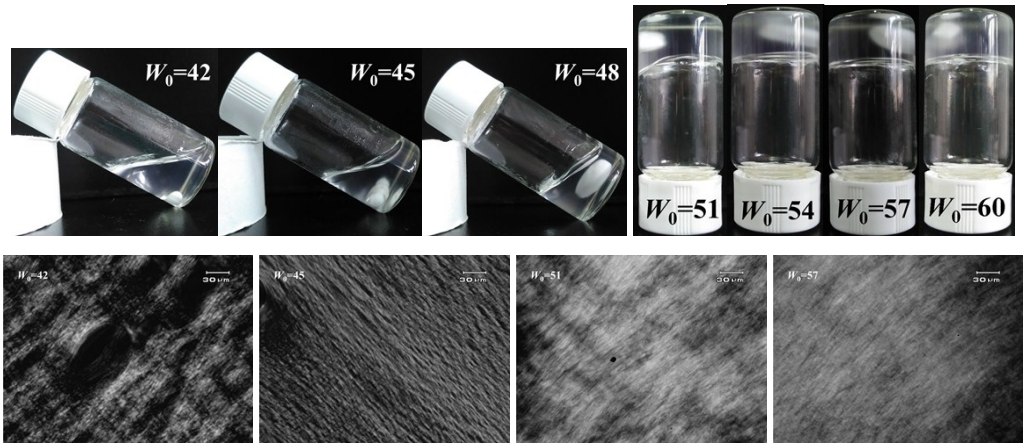

Fig.S3 Appearances of equal charge mixed 12-8-12/SL (200/400 mmol·L^{-1}) solutions at different W_0. POMs of the samples at W_0 = 42, 45, 51 and 57 (from left to right).

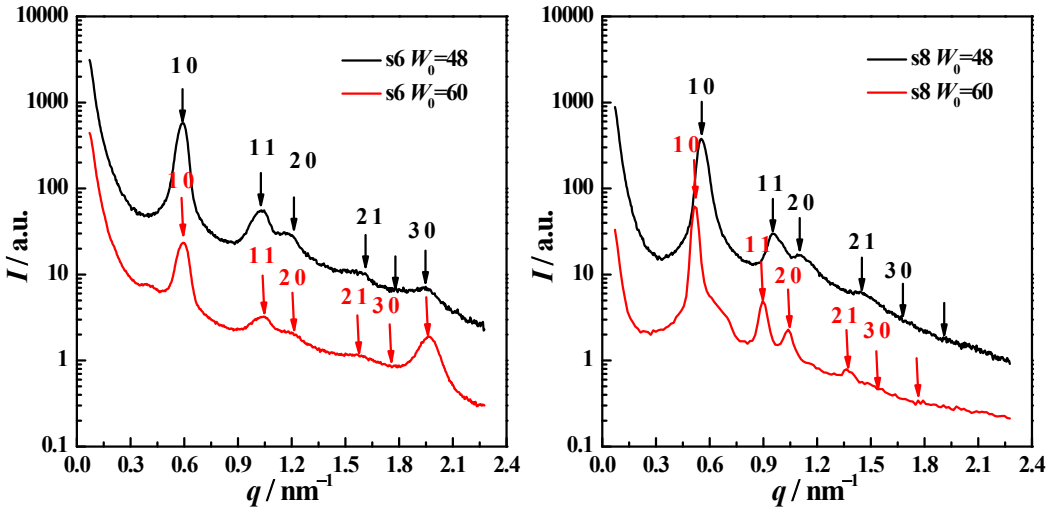

Fig.S4 SAXS spectra of the 12-6-12/SL (left) and 12-8-12/SL (right) (200/400 mmol·L^{-1}) in cyclohexane.

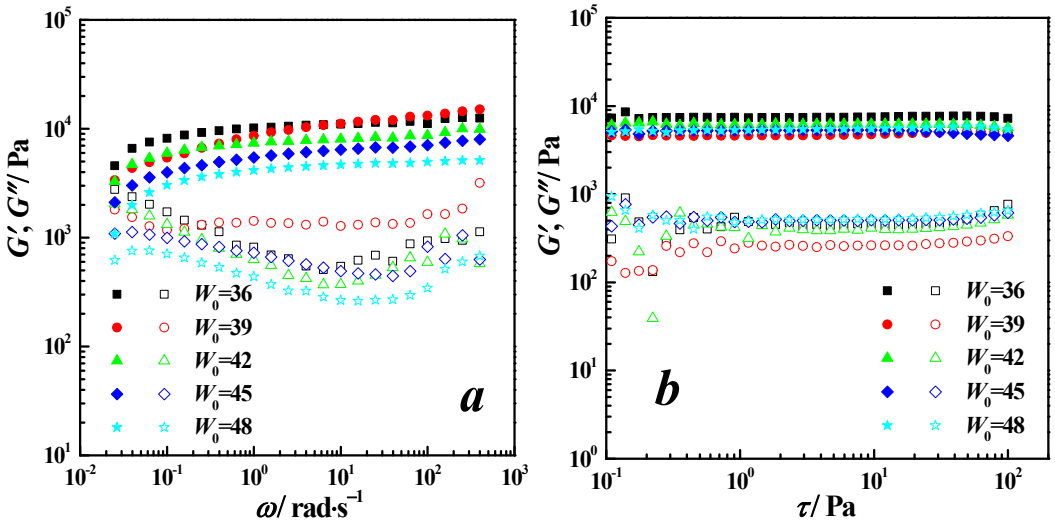

Fig.S5 Oscillatory sweep rheogram (a) and stress sweep rheogram (b) of the 12-2-12/SH

(200/400 mmol·L^{-1}) at different W_0, in which elastic modulus G' and viscous G'' are respectively represented as solid and open symbols.

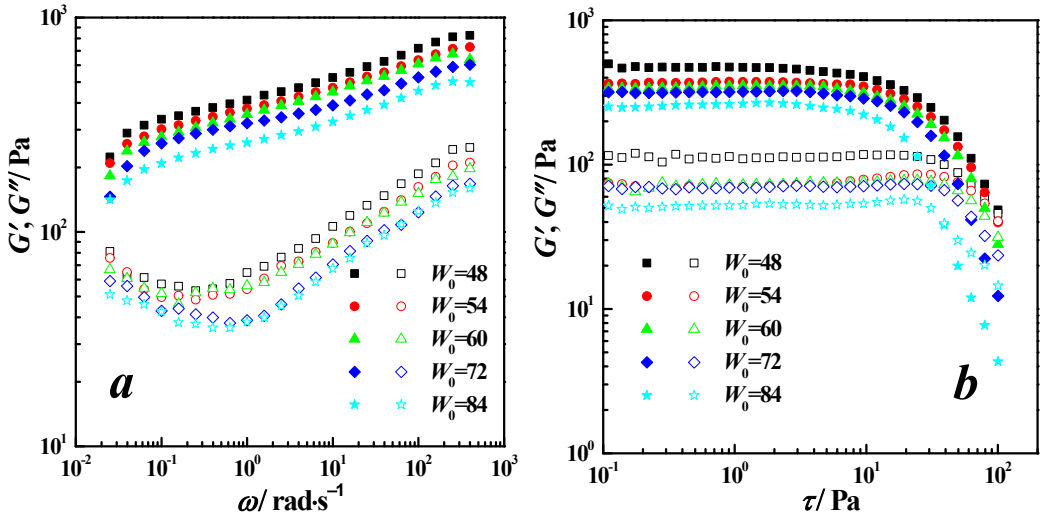

Fig.S6 Oscillatory sweep rheograms (a) and stress sweep rheograms (b) of the 12-4-12/SL (200/400 mmol·L^{-1}) at different W_0 (G': solid, G'': open).

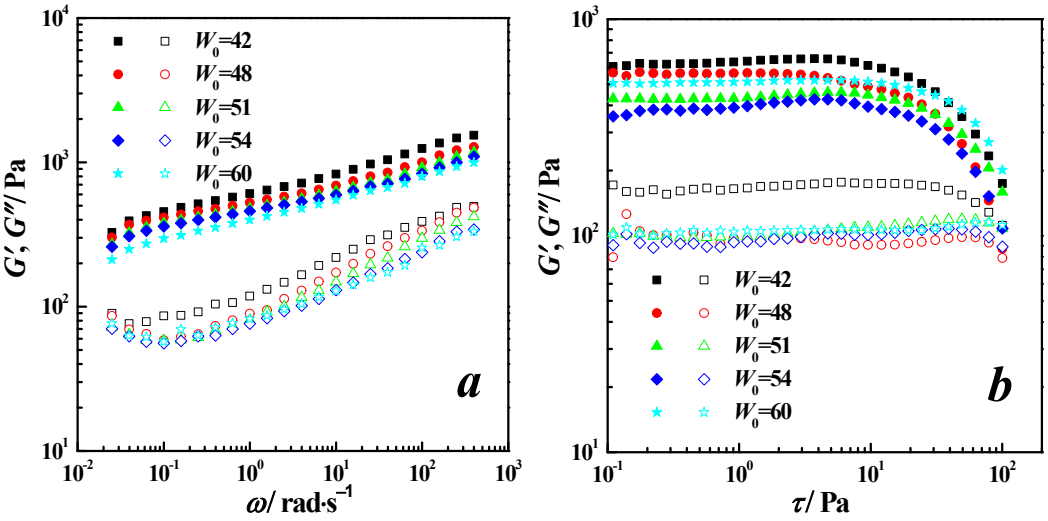

Fig.S7 Oscillatory sweep rheograms (a) and stress sweep rheograms (b) of the 12-6-12/SL (200/400 mmol·L^{-1}) at different W_0 (G': solid, G'': open).

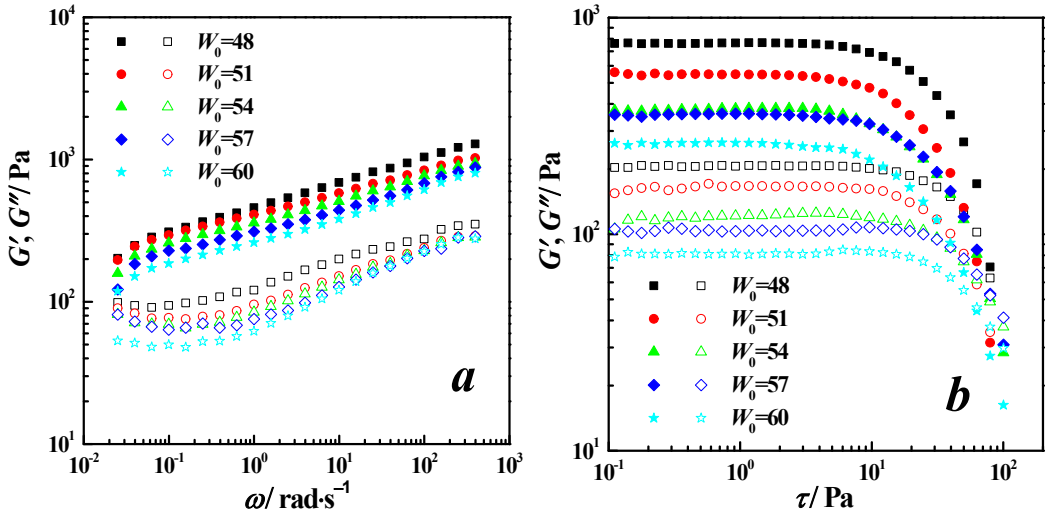

Fig.S8 Oscillatory sweep rheograms (a) and stress sweep rheograms (b) of the 12-8-12/SL (200/400 mmol·L^{-1}) at different W_0 (G': solid, G'': open).