Supplementary Information

Dynamical changes of phospholipid membranes caused by polymorphic amyloid fibrils studied by quasi-elastic neutron scattering

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Table S1. Summary of the dynamical parameters obtained by the application of the Matryoshka model. The values in parentheses represent the corresponding fitting errors.

280 K	DMPG	DMPG+LP27	DMPG+LP60
k_{force} [N/m]	n.d.	n.d.	n.d.
$R_{\|\|}$ [Å]	n.d.	n.d.	n.d.
R_1 [Å]	n.d.	n.d.	n.d.
ϕ	n.d.	n.d.	n.d.
ε_0	0.259 (0.002)	0.196 (0.004)	0.033 (0.004)
ε_1	0.111 (0.003)	0.111 (0.006)	0.118 (0.008)

310 K	DMPG	DMPG+LP27	DMPG+LP60
k_{force} [N/m]	8.2 (1.6)	n.d.	n.d.
$R_{\|\|}$ [Å]	0.2 (0.2)	n.d.	n.d.
R_1 [Å]	n.d.	n.d.	n.d.
ϕ	n.d.	n.d.	n.d.
ε_0	0.323 (0.003)	0.011 (0.003)	0.007 (0.005)
ε_1	0.125 (0.004)	0.108 (0.005)	0.101 (0.006)