

Lipid	$T/^{\circ}\text{C}$	$\langle A \rangle / \text{\AA}^2$	$\langle D'_B \rangle / \text{\AA}$
DOPC 0% chol	25	61.53 ± 0.30	49.96 ± 0.17
DOPC 10% Chol:	25	59.23 ± 0.31	51.20 ± 0.17
DOPC 20% chol :	25	57.84 ± 0.31	52.00 ± 0.18
DOPC 30% Chol:	25	52.85 ± 0.35	55.21 ± 0.24
DOPC 40%Chol:	25	51.11 ± 0.36	56.48 ± 0.27
DOPC 50%Chol:	25	48.76 ± 0.39	58.33 ± 0.31

Note: In all the samples 10% POPC- d_{31} has been used as probing lipid