

Effect of poly(vinyl alcohol-co-vinyl acetate) copolymer blockiness on the
dynamic interfacial tension and dilational viscoelasticity of polymer/anionic
surfactant complex at the water/1-chlorobutane interface

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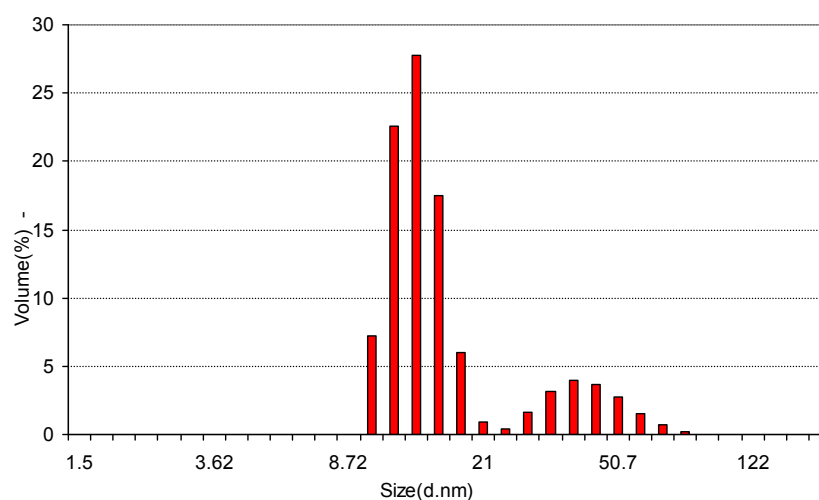


Figure S1: Size distribution for PVA-700-4.3 at a concentration of 1 wt% and 20°C

Table S1: Cloud point variation as a function of the SDS concentrations

SDS (%)	CP (°C)		
	PVA-700-4.3	PVA-705-3.8	PVA-650-3.6
0	28.5	28.0	28.5
0.01	68.0	48.0	47.5
0.05	>80.0	>80.0	>80.0

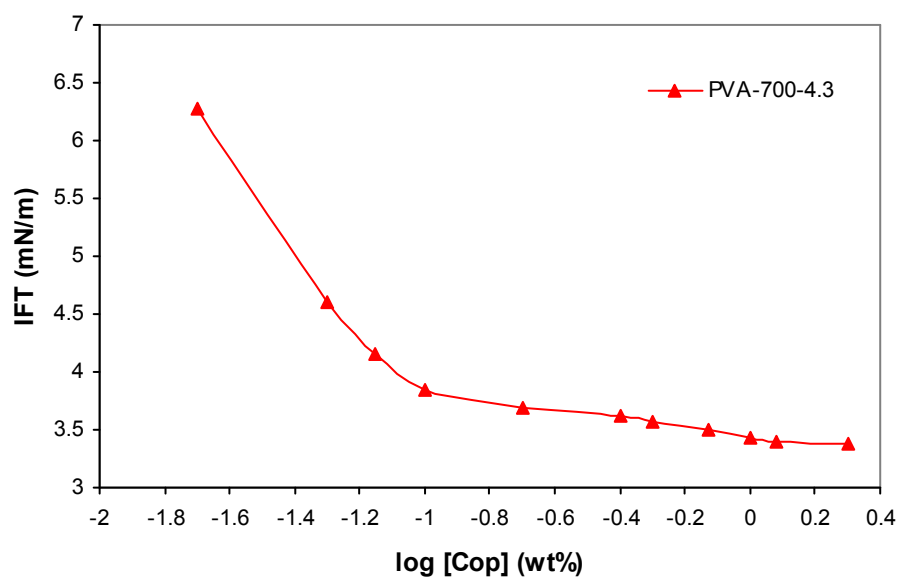


Figure S2: ClBu/water interfacial tension γ_i at 400 s as a function of the PVA-700-4.3 concentrations

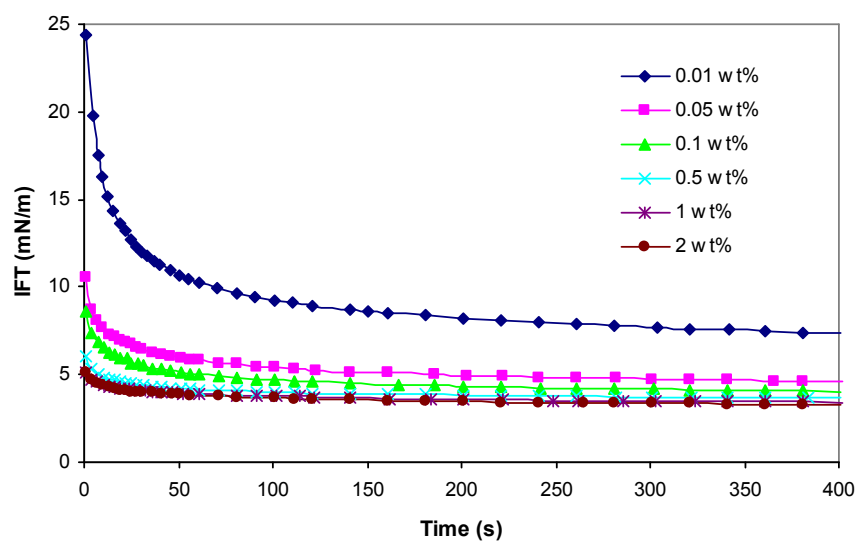


Figure S3: ClBu/water interfacial tension γ_i as a function of time for different PVA-700-4.3 concentrations

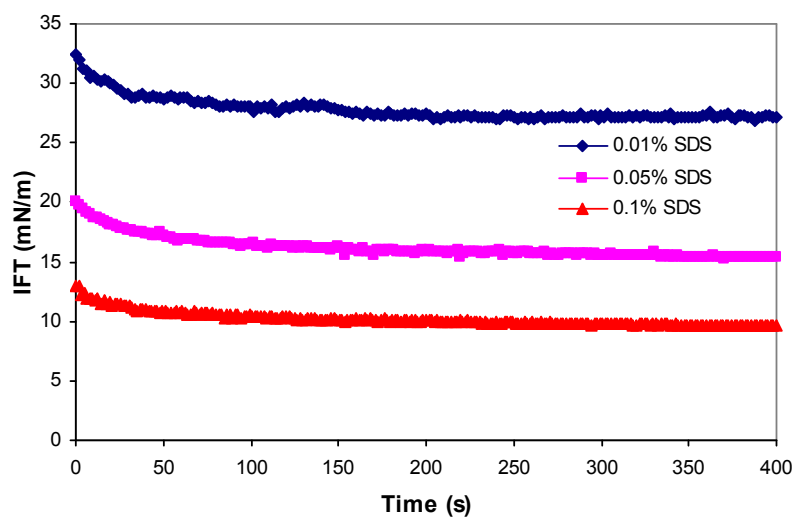


Figure S4: ClBu/water interfacial tension γ_i as a function of time for different SDS concentrations

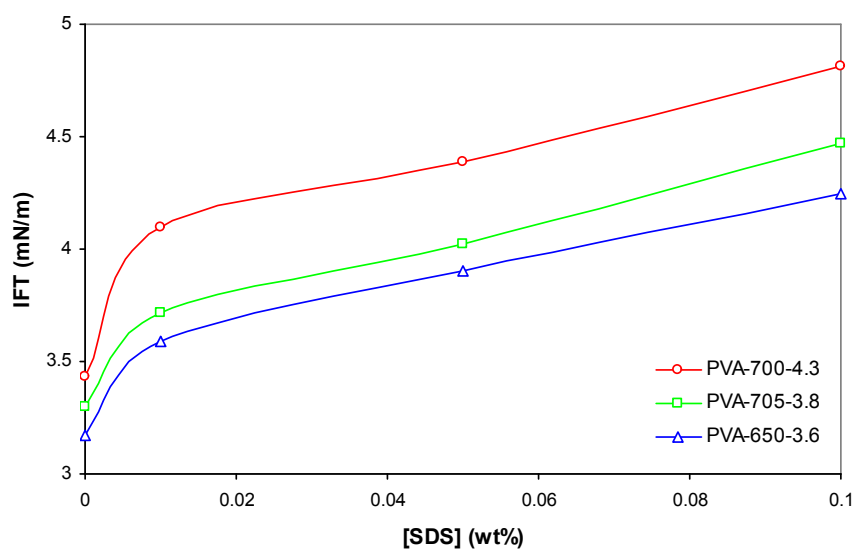


Figure S5: ClBu/water interfacial tension γ_i at 400 s as a function of the SDS concentrations for PVA/SDS complexes. PVAs at a concentration of 1 wt%

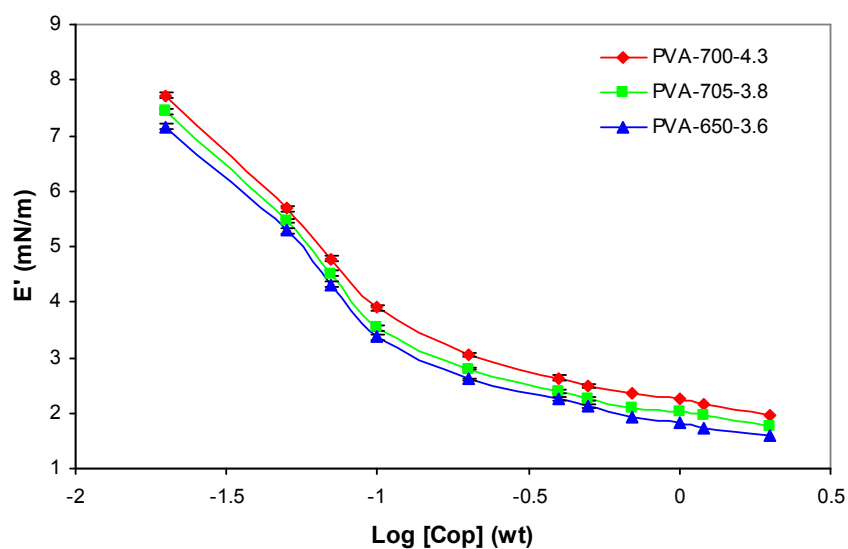


Figure S6: Elastic modulus (E') for ClBu/water as a function of the PVAs concentrations

Table S2: Viscous E'' modulus for ClBu/water in the presence of PVA/SDS complexes as a function of the SDS concentration. PVA concentration of 1 wt%

[SDS] (wt%)	E'' (mN/m)			
	SDS	PVA-700-4.3	PVA-705-3.8	PVA-650-3.6
0	-	1.50	1.41	1.29
0.01	1.9	1.59	1.43	1.41
0.05	2.8	1.69	1.66	1.45
0.1	1.3	1.41	1.40	1.37