

The excess Gibbs free energy of adsorption of sodium dodecylbenzenesulfonate on polystyrene particles. [Erratum to document cited in CA122:274958]

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Additions and Corrections

The Excess Gibbs Free Energy of Adsorption of Sodium Dodecylbenzenesulfonate on Polystyrene Particles

G. Tuin and H. N. Stein* *Langmuir* 1995, 11, 1284–1290.

Equation 7 should read as follows:

$$Q = \frac{1}{m!} \exp\left(\frac{m\chi}{kT}\right) l(T)^m j^s(T)^m$$

LA9503010

Scanning Tunneling Microscopy Investigation of Sulfide and Alkanethiolate Adlayers on Ag(111)

R. Heinz and J. P. Rabe* *Langmuir* 1995, 11, 506–511.

Due to a production error, the wrong image was reproduced in Figure 2. The correct Figure 2 is given below:

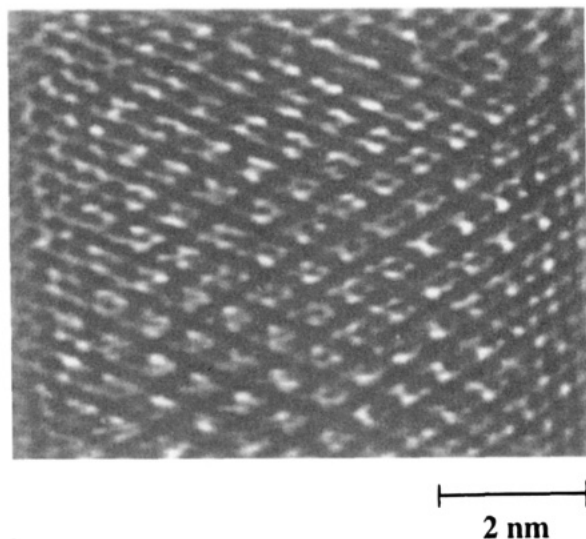


Figure 2. Sulfide adlayer (structure b) on Ag(111) from gas-phase deposition with H_2S ($\alpha_2 = 435 \pm 10$ pm) with an inherent (2×2) Moiré pattern ($b_2 = 870 \pm 20$ pm). ($U_t = 300$ mV, $I_t = 2$ nA, band pass filtered).

Moreover, on page 509, line 3 it should read as follows: undecanethiolate at $R_{\min} = 1 - 10$ G Ω ($U_t = 1-1.5$ V, $I_t < 200$ pA), respectively.

LA950399I

Polymer Stretching and Membrane Deformation in Tethers of Partially Polymerized Bilayer

M. M. Kozlov and W. Helfrich *Langmuir* 1994, 10, 4219–4224.

We considered only the stretched conformation of the polymers in tethers, allowing for but not dealing with the possibility that a polymer forms a spiral on the tether surface. Our recent investigations show that the spiral conformations have in some cases a lower energy than those of the stretched ones, even when the polymer does not affect the elastic modulus of Gaussian curvature. The results of this investigation are in preparation for publication.

LA950373R

Temperature Effects on Structural Properties of Pluronic P104 and F108 PEO-PPO-PEO Block Copolymer Solutions

Paschalis Alexandridis, Thierry Nivaggioli, and T. Alan Hatton* *Langmuir* 1995, 11, 1468–1476.

An error in the publication process caused a light gray line in Figure 3 to not appear. The correct figure is presented below.

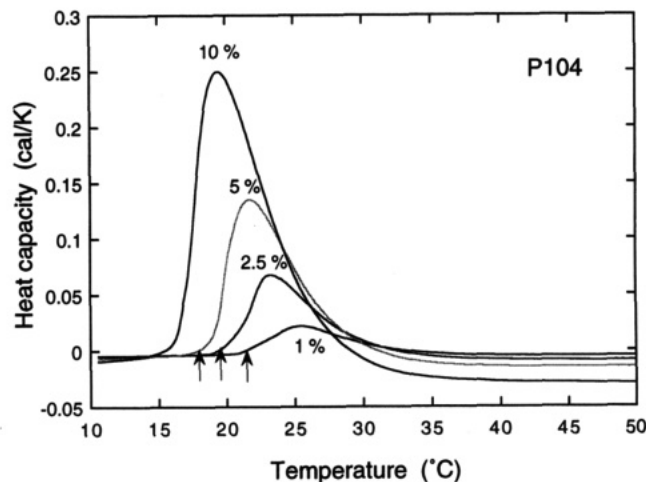


Figure 3. Heat capacity of P104 aqueous solutions (determined from DSC) showing the endothermic “phase transition” attributed to micelle formation. The arrows indicate the CMT values obtained from DPH solubilization experiments.

LA950443U