

Chem/MatS/ChEn 4223W

Assignment 10

Due: *In Lecture*, Monday, March 4

In Lab 3, you and your classmates performed GPC and DLS measurements on polymer latexes prepared with different ratios of surfactant to monomer. Did you observe trends in your data with respect to the amount of monomer that you, as a class, used? Were your observations consistent with previous work on microemulsion polymerization of styrene and/or methyl methacrylate? (You will probably need to do some SciFinder searching to answer this question.)

Answer this question using graphs and text. Although we don't expect your answer to be formatted as a full report, you should present your argument as clearly and professionally as you can.