

Abstract Submitted
for the MAR15 Meeting of
The American Physical Society

**Survey of experimental data from diblock copolymer melts:
Do experiments and simulations agree?** PAVANI MEDAPURAM, DAVID
MORSE, Univ of Minnesota - Twin Cities — Recent simulations by our group have
established that a variety of different simplified simulation models of symmetric di-
block copolymers exhibit universal behavior that is now well characterized. In this
talk, we report our progress in analyzing published experimental data for a variety
of nearly symmetric diblock copolymers using methods closely analogous to those
used to analyze simulation results. We will discuss the extent to which experiments
on a wide variety of systems are consistent with the results of simulations, and with
one another.

Pavani Medapuram
Univ of Minnesota - Twin Cities

Date submitted: 13 Nov 2014

Electronic form version 1.4