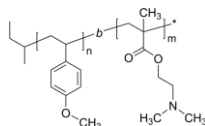


Sample Name:

Poly(4-methoxystyrene)-b-poly(N,N-dimethylaminoethyl methacrylate)

Sample #: **P41635-4MeOSDMAEMA**

Structure:



Composition:

Mn x 10 ³ 4MeOS-b-DMAEMA	Mw/Mn (PDI)
7.0-b-16.0	1.05

Synthetic Procedure:

The product is prepared by sequential anionic polymerization of 4-methoxy styrene and NN-dimethylaminoethyl methacrylate.

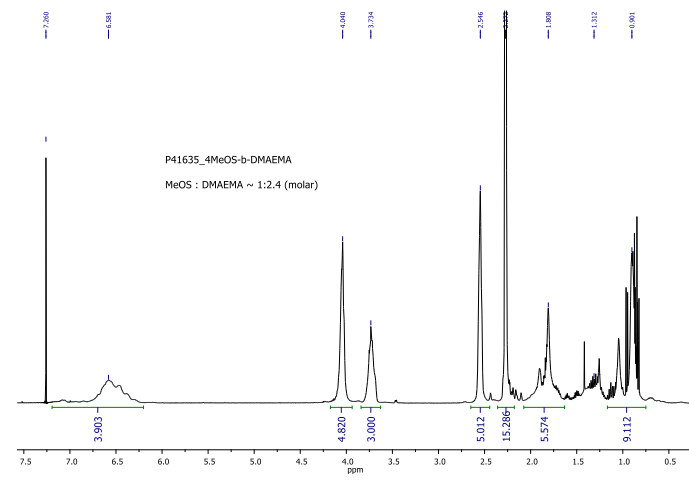
Characterization:

The molecular weight and polydispersity index (PDI) of polymers are obtained by size exclusion chromatography. The composition is determined by NMR.

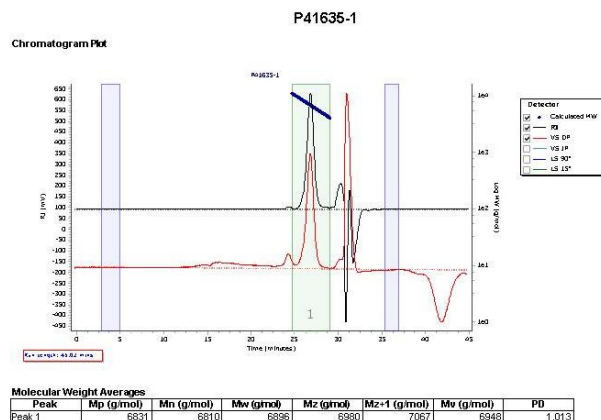
Solubility:

Polymer is soluble in THF, acetone.

¹H NMR spectrum of the sample:



SEC profile of the first block:



SEC profile of the block copolymer:

