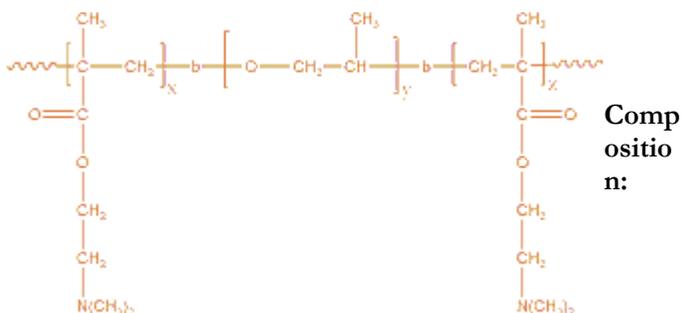


### Sample Name:

Poly(N,N-dimethylaminoethyl methacrylate-b-propylene oxide-b-N,N-dimethylaminoethyl methacrylate)

Sample #: P6667-DMAEMAPODMAEMA

### Structure:



$M_n \times 10^3$	PDI
1.4-b-3.0-b-1.4	1.40

### Synthesis Procedure:

Polymer is obtained by ATRP polymerization by initiating N,N-dimethylaminoethyl methacrylate monomer with the bromo terminated polypropylene glycol.

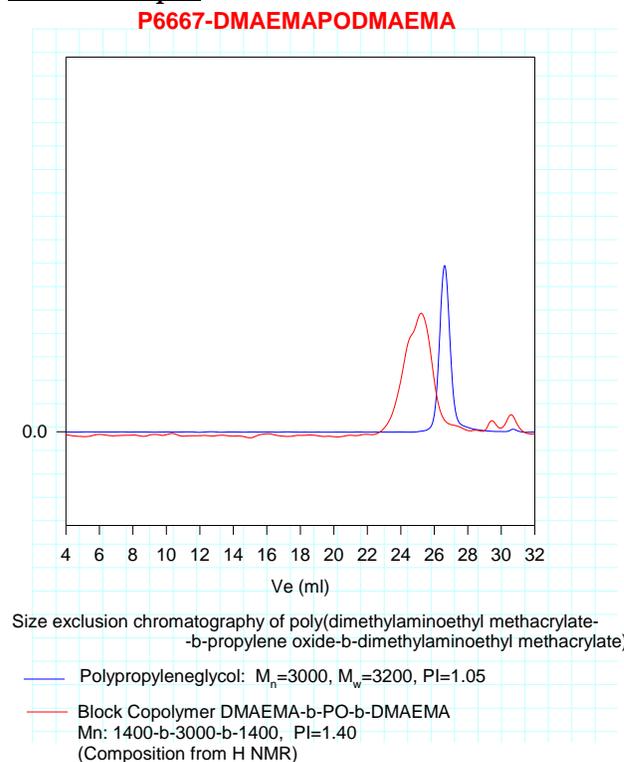
### Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

### Solubility:

The tri-block polymer is soluble in THF, and  $CHCl_3$ .

### SEC of Sample:



### H NMR of the Polymer:

