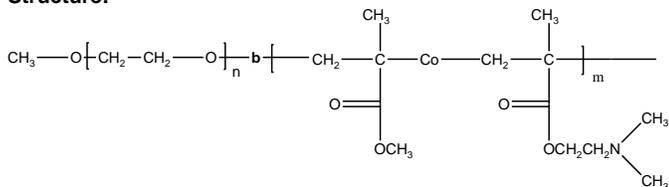


Sample Name:

Poly(Methylmethacrylate -co-N,N-dimethylacrylamide)

Sample #: P9120A-MMADMAran

Structure:



Composition:

Mn x 10 ³ PMMA-co-DMA	PDI
6.5	1.4
MMA	45%

Synthesis Procedure:

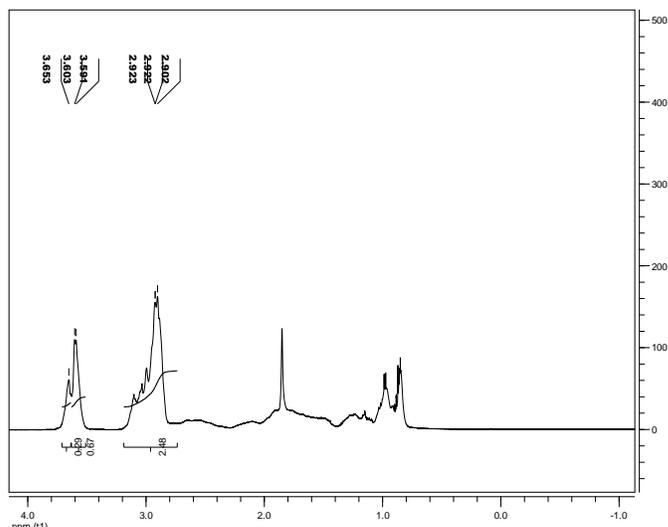
BY GTP process

Characterization:

Polymer was analyzed by size exclusion chromatography (SEC) to obtain the molecular weight and polydispersity index (PDI)

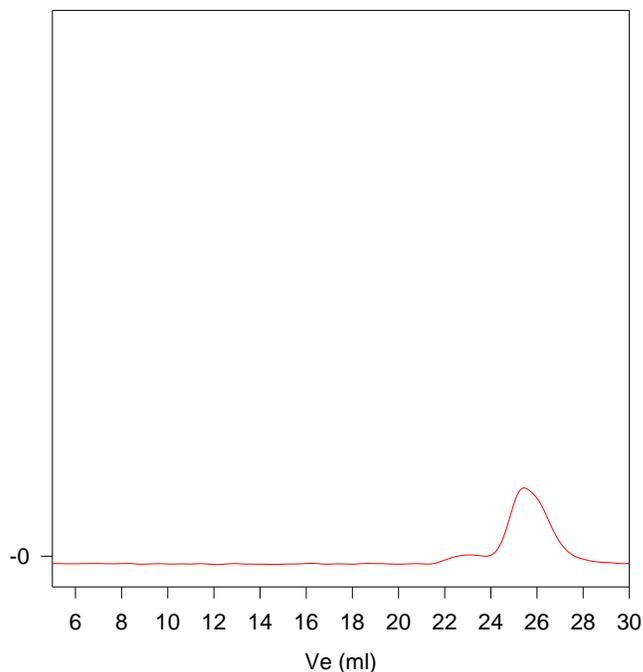
Solubility:

The polymer is soluble in THF and in Chloroform and precipitate out from hexane, ether.



SEC of the Polymer:

P9120A-MMADMAran



Size exclusion chromatograph of poly(MMA-co-DMA):

M_w=6500, M_n=9200, M_w/M_n=1.4

Composition by HNMR: PMMA: 45 mole%