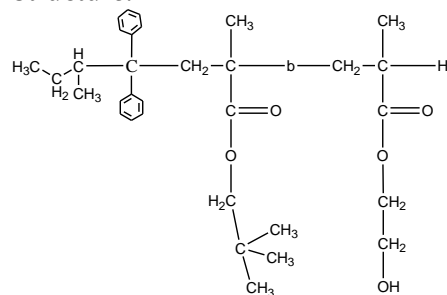


Sample Name: Poly(Neopentyl methacrylate-b- 2-Hydroxy ethyl methacrylate)

Sample #: P18921-NPMAHEMA

Structure:



Composition:

$M_n \times 10^3$ NPMA-b-HEMA	PDI
18.0-b-4.5	1.19
T_g for NPMA block:	119°C

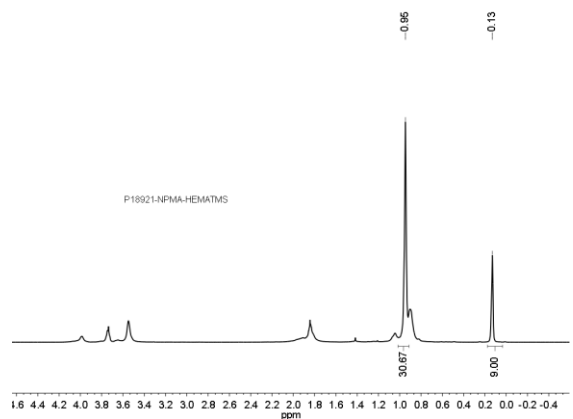
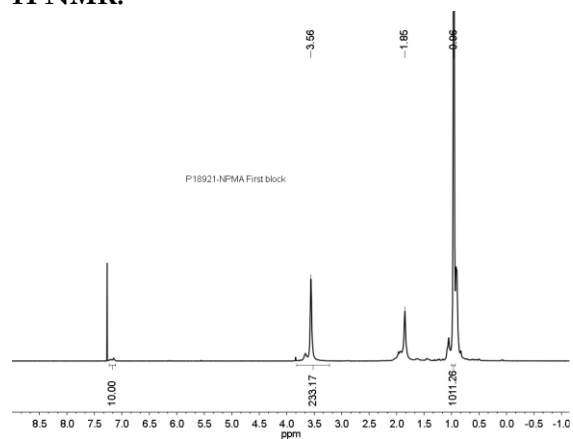
Synthesis Procedure:

By anionic polymerization process

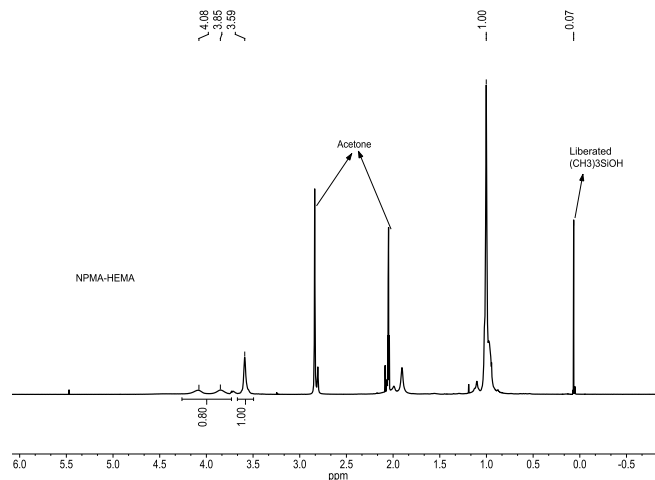
Characterization:

BY SEC and HNMR

H NMR:

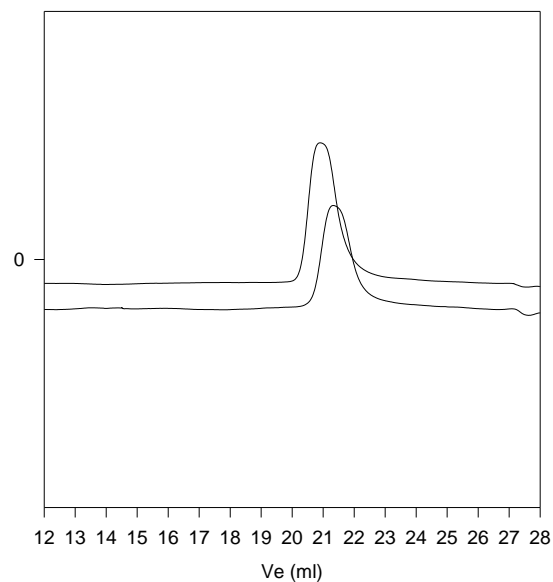


NPMA-HEMA run in Acetone:



SEC of the block copolymer:

P18921-NPMA-HEMATMS



Size exclusion chromatography of
poly(Neopentyl methacrylate-b-HEMATMS)

- PNPMA: $M_n=18,000$, $M_w=21,500$, $PI=1.18$
- Block copolymer Mn : NPMA(18,000)-b-HEMATMS(7,000)
 M_w/M_n 1.19
NPMA:Mn 18,000-b-4,500 M_w/M_n 1.19