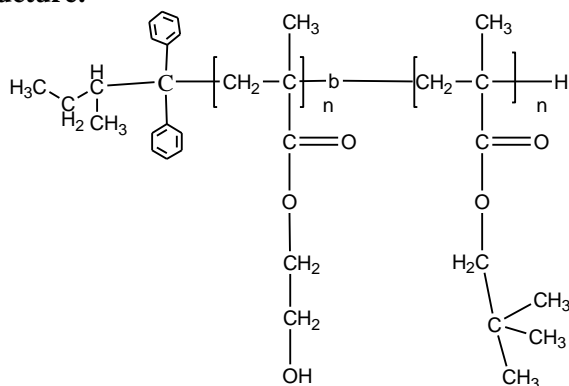


Sample Name: Poly (2-hydroxyethyl methacrylate)-
b-neopentyl methacrylate)

Sample #: P19792-HEMANPMA

Structure:



Composition:

$M_n \times 10^3$ HEMA-b-NPMA	Mw/Mn
2.0-b-400.0	1.4

HEMA:NPMA	3:97 molar ratio
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T_g for NPMA block:	119°C
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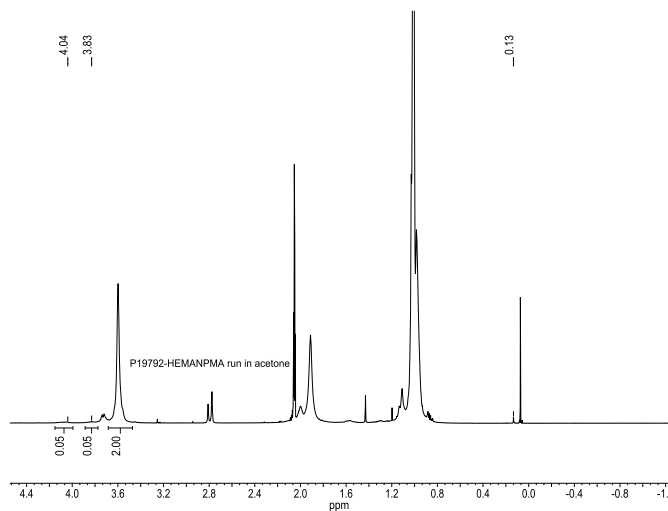
Synthesis:

The polymer was synthesized by anionic polymerization process. In this batch HEMATMS monomer polymerized first followed by NPMA monomer

Characterization:

The product was characterized by size exclusion chromatography (SEC) and ^1H NMR.

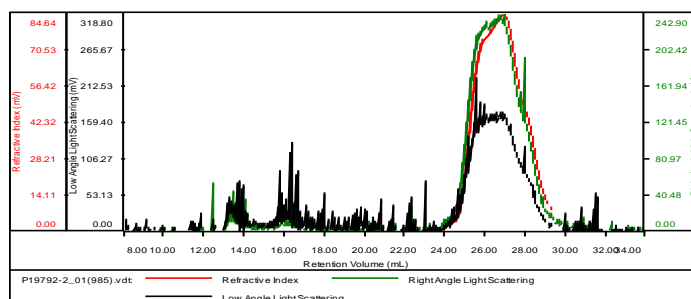
^1H NMR spectrum in Acetone:



SEC elugram of HEMATMS-NPMA in THF:

Sample ID-P19792-HEMATMSNPMA

Concentration (mg/mL)	1.8410
Sample dn/dc (mL/g)	0.0840
Method File	PS80K-March2016-0001.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Rh (nm)	Ret Vol (mL)
P19792-2_01(985).v.c	414,531	589,002	1.421	8.1827	54.22	26.893