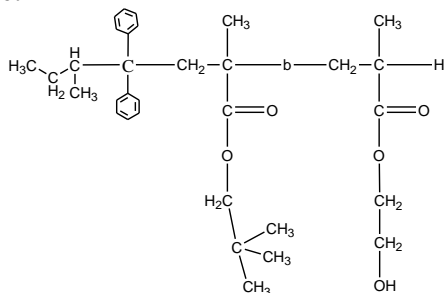


Sample Name: Poly (2-hydroxyethyl methacrylate – b-neopentyl methacrylate)

Sample #: P40127-HEMANPMA

Structure:



Composition:

$M_n \times 10^3$	M_w/M_n
HEMA-b- NPMA	
2.0-b-58.0	1.33

HEMA:NPMA	5.95 molar ratio
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T_g for NPMA block:	119°C
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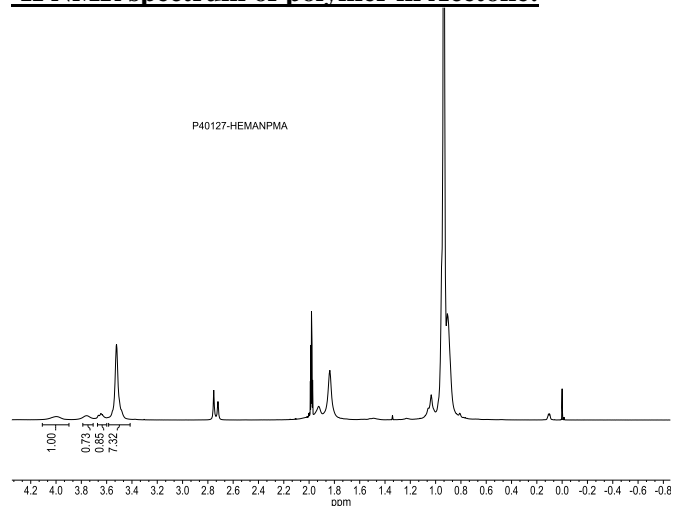
Synthesis:

The polymer was synthesized by anionic polymerization process.

Characterization:

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

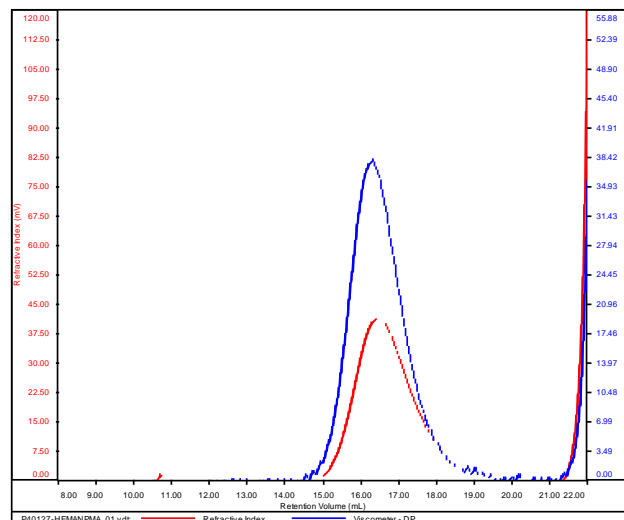
1H NMR spectrum of polymer in Acetone:



SEC elugram of HEMATMS-NPMA in DMF at 60°C:

P40127-NPMAHEMA

Conc (mg/mL)	2.9343
dn/dc (mL/g)	0.0650
Method	PS80k-August-08-2016-0000.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	M_n	M_w	M_p	M_w/M_n	IV
P40127-HEMANPMA_01.vdt	60,696	81,191	82,201	1.338	0.2313