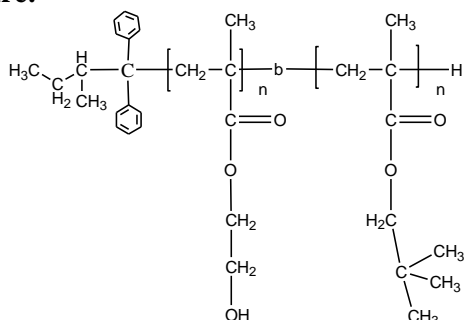


Sample Name: Poly (2-hydroxyethyl methacrylate)-
b-poly (neopentyl methacrylate)

Sample #: P42120H-HEMANPMA

Structure:



Composition:

Mn × 10 ³ HEMA-NPMA	Mw/Mn
12.0-b-295.0	1.14

HEMA: NPMA	5:95 molar ratio
T _g for NPMA block:	119°C

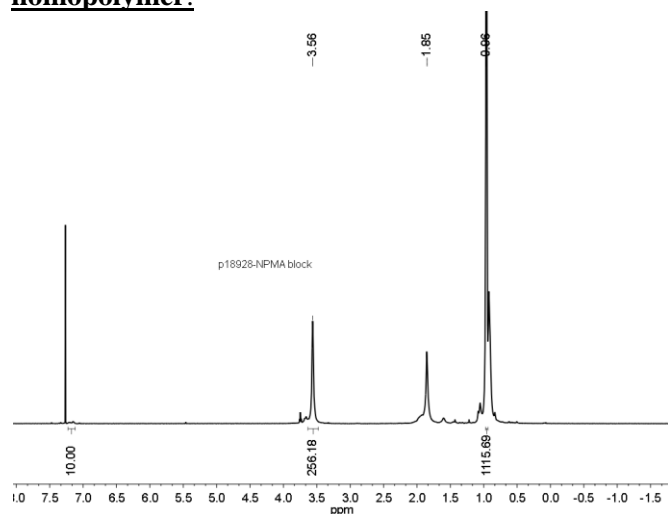
Synthesis:

The diblock copolymer was synthesized by anionic polymerization process.

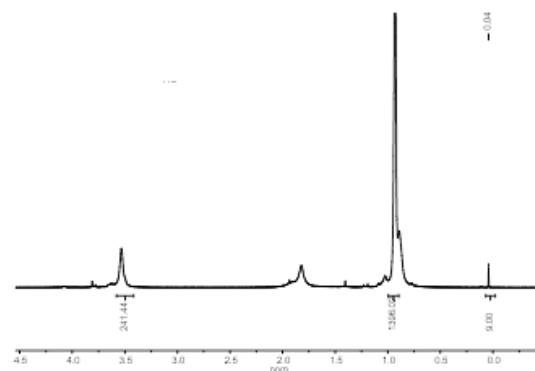
Characterization:

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

¹H NMR (500 MHz, CDCl₃) of NPMA homopolymer:

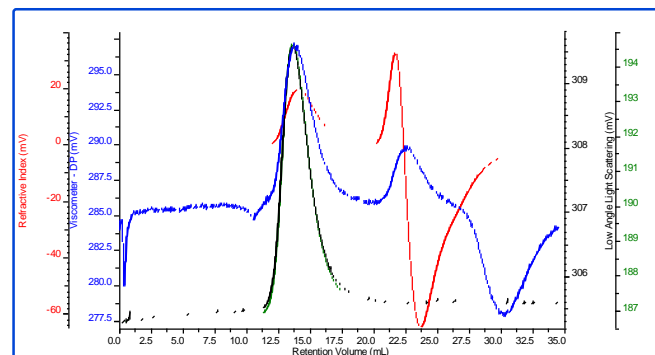


¹H NMR (500 MHz, acetone-d₆) of HEMATMS-NPMA:



SEC elugram of the polymer:
P42120-H

dn/dc	0.0650
Flow Rate	0.7000
Solvent	DMF with LiBr
Method	PSS column-PMMA60K-Jan3-2019-0007.vcm



Sample	Mn	Mw	Mp	Mw/Mn
P42120-H_1_2019-12-	307,338	350,993	335,580	1.142