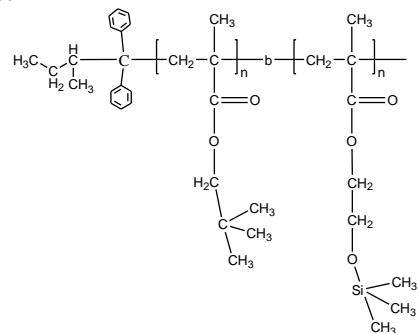


Sample Name: Poly (neopentyl methacrylate-b-[2-trimethyl siloxyethyl methacrylate])

Sample #: P18928A-NPMAHEMATMS

Structure:



Composition:

Mn × 10 ³ NPMA-b-HEMATMS	Mw/Mn
21.0-b-6.0	1.35
T _g for NPMA block:	119°C

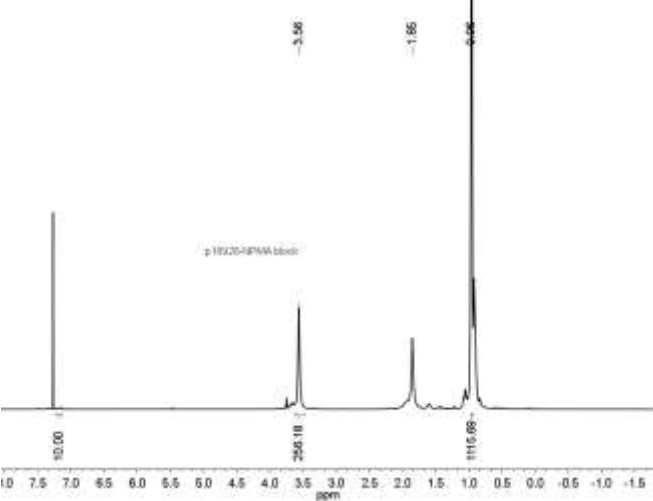
Synthesis Procedure:

The polymer was synthesized by anionic polymerization process.

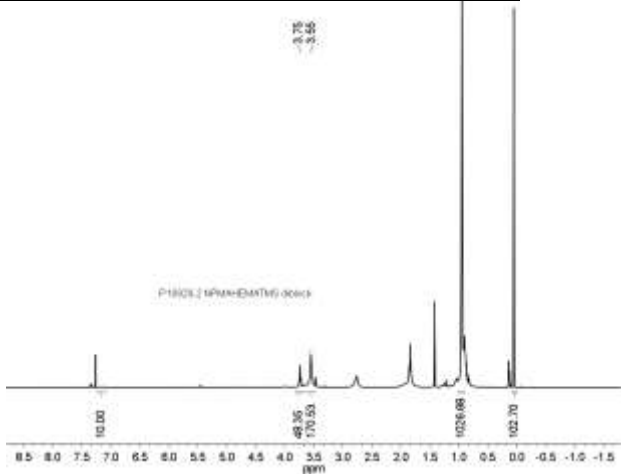
Characterization:

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

¹H NMR (500MHz, CDCl₃) of PNPMA:



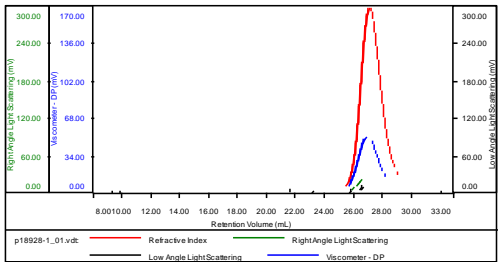
¹H NMR spectrum of NPMA-HEMATMS:



SEC elugram of the NPMA homopolymer:

Sample ID: P18928-NPMA-First Block

Concentration (mg/mL)	1.8288
Sample dn/dc (mL/g)	0.0950
Method File	PS80K-1020-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF

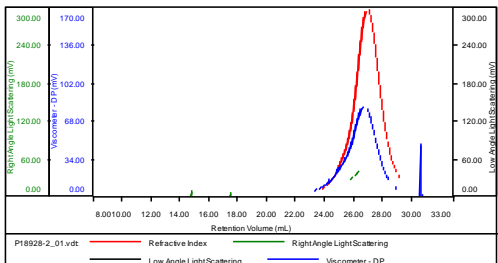


Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
p18928-1_01.vdt	21,155	22,960	21,130	1.085	1.1636

SEC elugram of the diblock copolymer:

Sample ID: P18928-NPMA-HEMATMS

Concentration (mg/mL)	2.9028
Sample dn/dc (mL/g)	0.1030
Method File	PS80K-1020-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P18928-2_01.vdt	27,080	36,365	25,273	1.343	1.5286