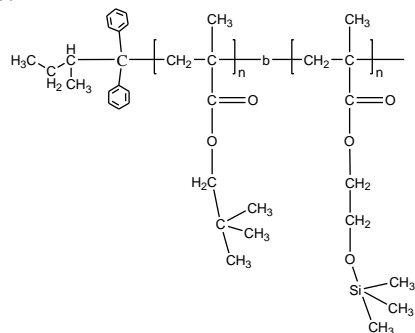


Sample Name: Poly (neopentyl methacrylate-b-[2-trimethyl siloxyethyl methacrylate])

Sample #: P18922-NPMAHEMATMS

Structure:



Composition:

Mn × 10 ³ NPMA-b-HEMA	PDI
20.0-b-0.80	1.19
T _g for NPMA block:	119°C

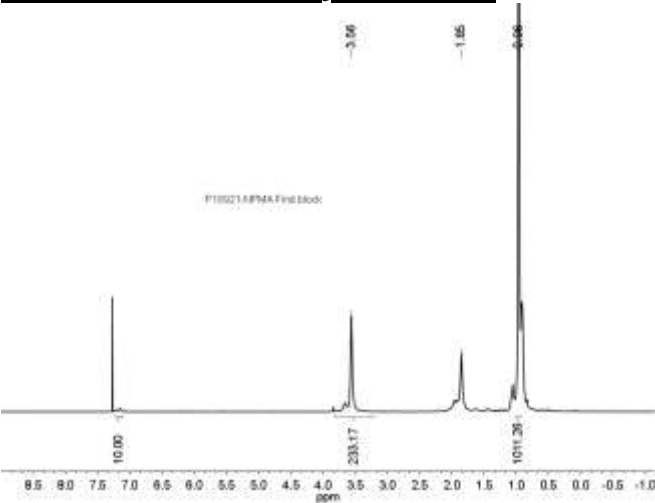
Synthesis Procedure:

The polymer was synthesized by anionic polymerization process.

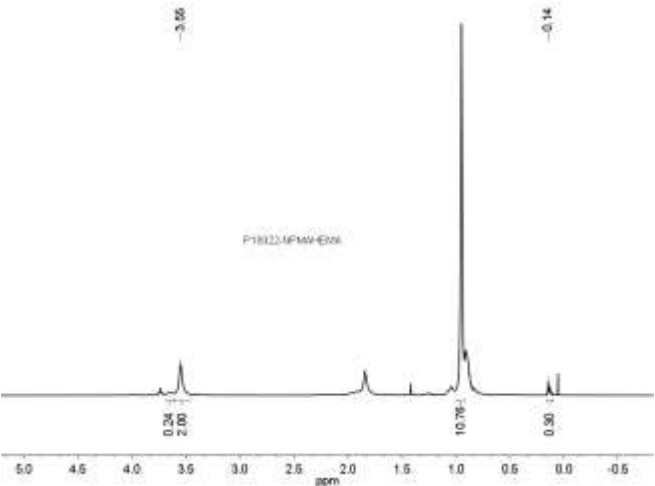
Characterization:

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

¹H NMR (500MHz, CDCl₃) of PNPMA:



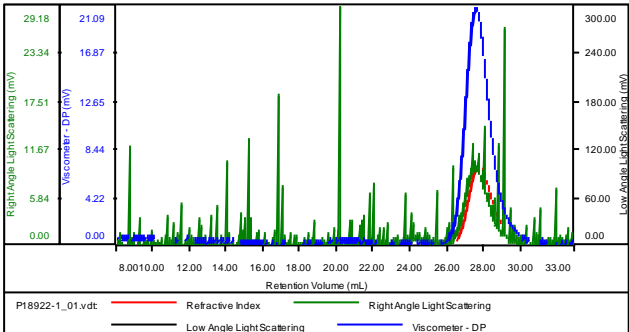
¹H NMR spectrum of NPMA-HEMATMS:



SEC of the block copolymer:

Sample ID: P18922-NPMA

Concentration (mg/mL)	9.8628
Sample dn/dc (mL/g)	0.0850
Method File	PS80K-NOV-2014-0003.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)
P18922-1_01.vdt	19,899	21,787	21,833	1.095	0.0821