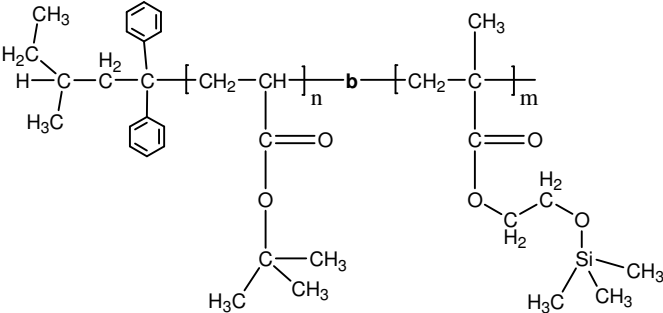


Sample Name: Poly(tert.butylacrylate -b-2-trimethyl siloxy ethyl methacrylate)

Sample #: P19761-tBuA-HEMATMS

Structure:



Composition:

Mn x 10 ³ tBuA-b-HEMA-TMS	PDI
5.0-b-33.5	1.45

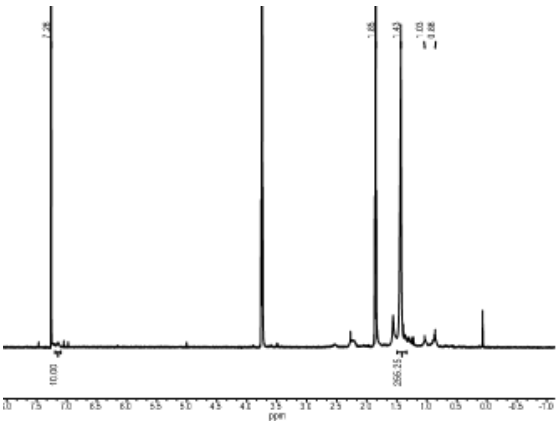
Synthesis Procedure:

The polymer was synthesized by anionic process

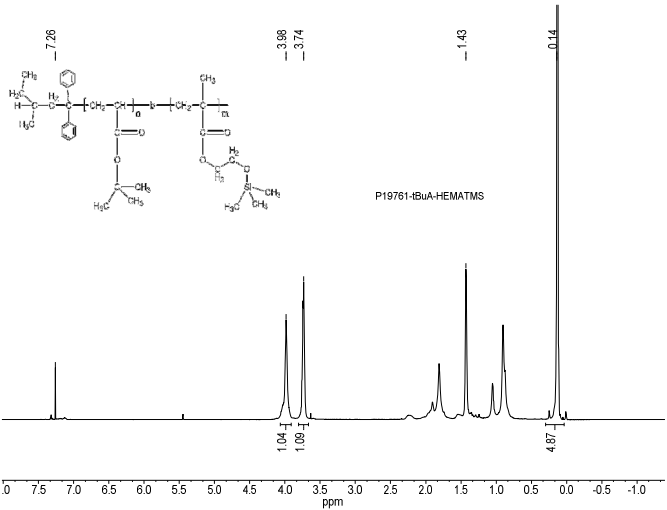
Characterization:

The polymer was characterized by SEC and ¹H NMR analysis.

¹H-NMR spectrum of the first block of PtBuA:



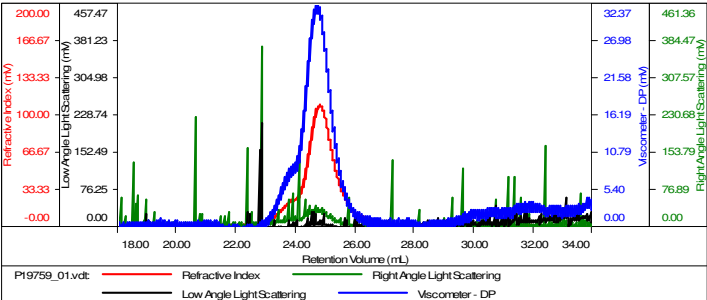
¹H-NMR spectrum of the block copolymer:



SEC elugram of the block copolymer:

Sample ID-P19761-2

Concentration (mg/mL)	0.9804
Sample dn/dc (mL/g)	0.0940
Method File	PS80K-Mardc2016-0001.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Rh (nm)	Ret Vol (mL)
P19759_01.vdt	38,477	49,680	1.291	1.4846	13.39	24.777