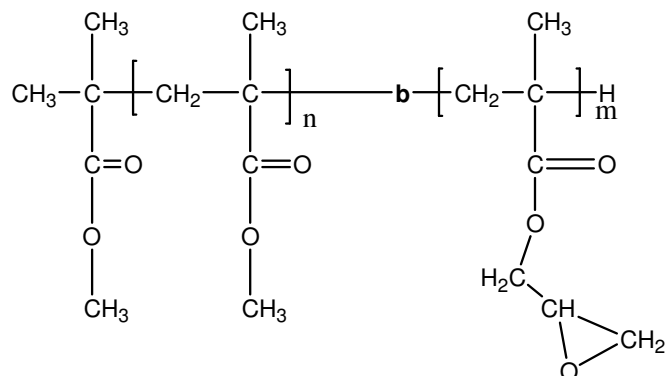


Sample Name:
Poly(methyl methacrylate-*b*-glycidyl methacrylate)

Sample # P19821-MMAGMA

Structure:



Composition:

Mn x 10 ³ PMMA- <i>b</i> -PGMA	PDI
5.5- <i>b</i> -1.8	1.25

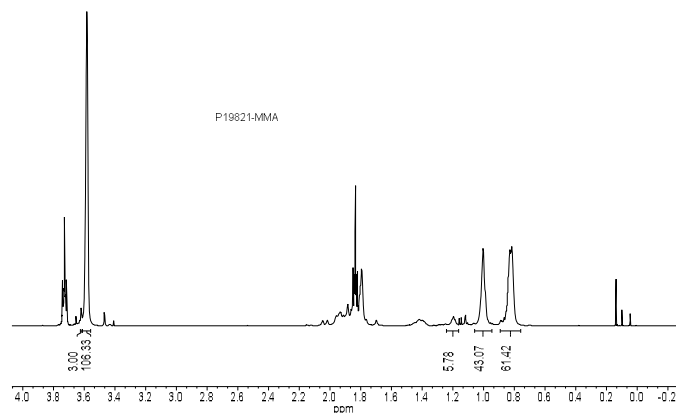
Synthesis procedure:

The diblock copolymer was synthesized by GTP method.

Characterization:

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

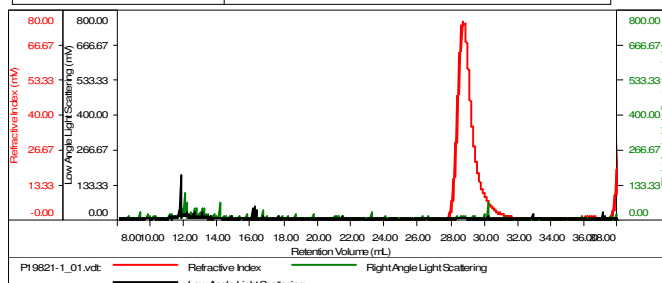
¹H NMR (500 MHz, CDCl₃) of MMA (first block):



SEC elugram of MMA (first block) in THF:

Sample ID-P19821-MMA Block

Concentration (mg/mL)	0.2562
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-March2016-0001.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Rh (nm)	Ret Vol (mL)
P19821-1_01.vdt	5,483	6,765	1.234	1.6605	6.86	28.753

SEC elugram of diblock copolymer in THF:

Sample ID-P19821-MMAGMA

Concentration (mg/mL)	0.3139
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-March2016-0001.vcm
Column Set	3x PL 1113-6300
Solvent	THF

