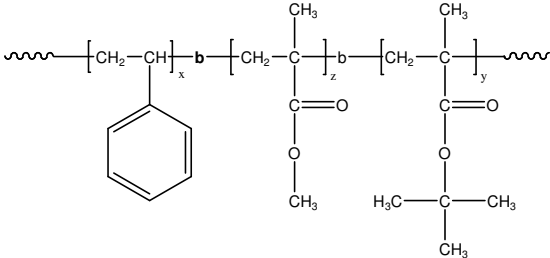


**Sample Name:**  
**Poly(styrene-b-methylmethacrylate-b-**  
**Tert.butylmethacrylate)**

**Sample #: P18591-SMMAAtBuMA**

**Structure:**



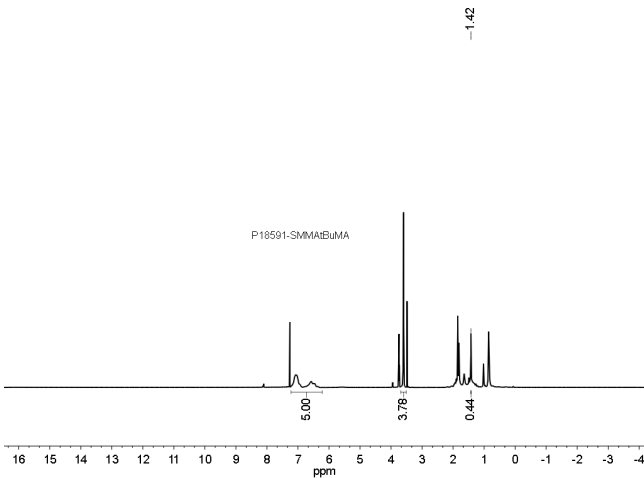
**Composition:**

Mn x 10 <sup>3</sup> S-b-MMA-b-tBuMA	PDI
6.5-b-8.0-b-0.4	1.14

**Synthesis:**

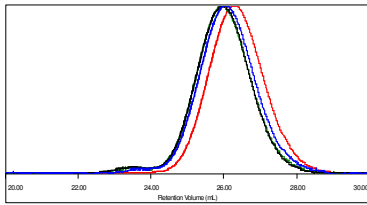
By living anionic polymerization with sequence addition of styrene, methyl methacrylate and tert-butylmethacrylate.

**<sup>1</sup>H NMR of the polymer:**

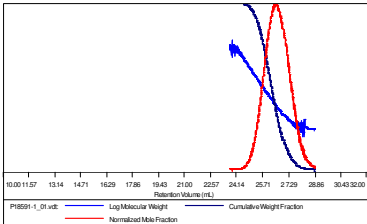


**SEC for the polymer:**  
**p18591-S**

Concentration (mg/mL)	37.6628
Sample chid: (nLug)	0.1850
Method File	PS80K-Apr15-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF

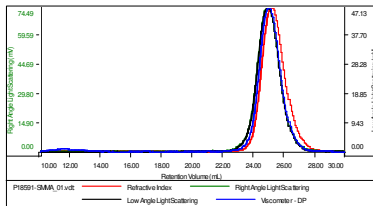


Sample	Mn	Mw	Mp	Mw/Mn	IV
P18591-1_01.vcl	6,529	7,909	7,269	1,211	0.0394



**Sample ID: P18591-2VPDMS**

Concentration (mg/mL)	49.9370
Sample chid: (nLug)	0.1400
Method File	PS80K-Apr15-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18591-SMMA_01.vcl	15,673	17,844	17,457	1,138	0.0584

