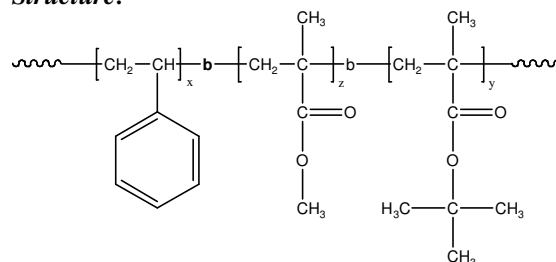


Sample Name:

Poly(styrene-b-methylmethacrylate-b-Tert.butylmethacrylate)

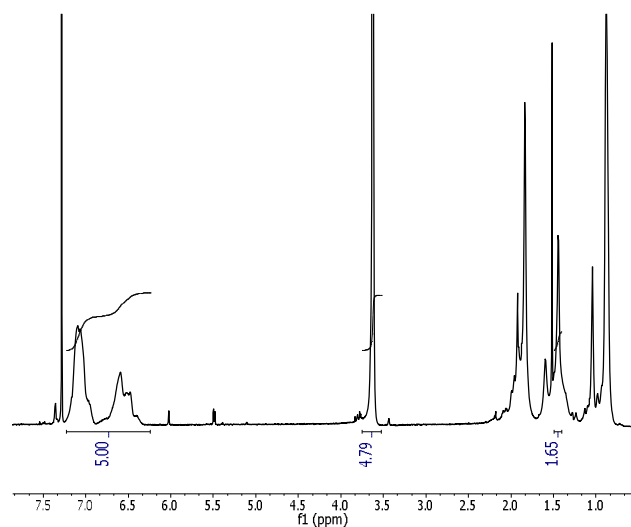
Sample #: P18600-SMMAt**BuMA**

Structure:**Composition:**

Mn x 10 ³ S-b-MMA-b-tBuMA	PDI
12.0-b-33.0-b-1.0	1.10
T _g for MMA block: 129°C	T _g for PS block: 101°C

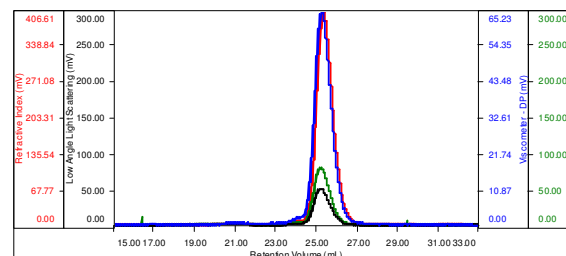
Synthesis:

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

¹H NMR of the polymer:**SEC for the polymer:**

Sample ID: P18600-S

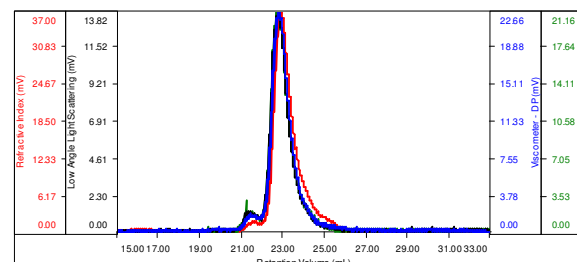
Concentration (mg/mL)	5.0543
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-March13-2014-0000.vcm
Column Set	3x PL 1113-6300
System	System 1



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18600-1_01.vdt	12,282	12,986	12,687	1.057	0.2438

Sample ID: P18600-SMMAt**BuMA**

Concentration (mg/mL)	0.7490
Sample dn/dc (mL/g)	0.1320
Method File	PS80K-March13-2014-0000.vcm
Column Set	3x PL 1113-6300
System	System 1



Sample	Mn	Mw	Mp	Mw/Mn	IV
P18600-3_01.vdt	46,346	50,499	54,760	1.090	0.6232

DSC thermogram for PS and MMA block: