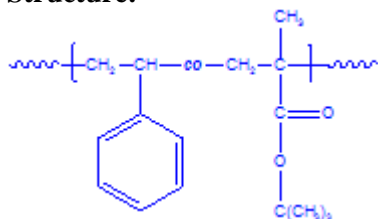


Sample Name: Random Copolymer Poly(styrene-co-t-butyl methacrylate)

Sample #: P16317A-StBuMAran

Structure:



Composition:

PS (mol%) : 54

Mn x 10 ³ PS-co-PtBuMA	PDI
19.5	1.08

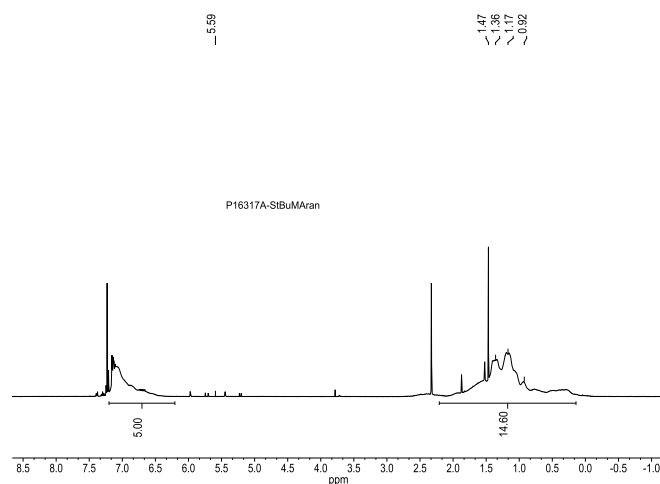
Synthesis Procedure:

Random Copolymer poly(styrene-co-t-butyl methacrylate) is prepared by radical polymerization of styrene and t-butyl methacrylate.

Characterization:

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

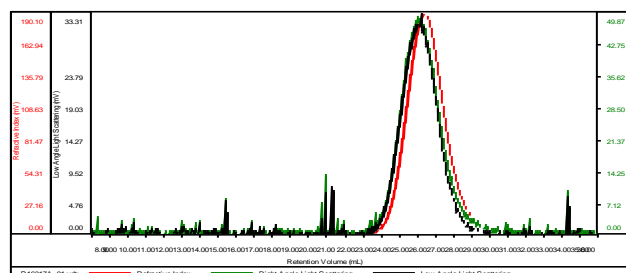
¹H-NMR Spectrum of the random copolymer:



SEC of the random copolymer:

P16317A-StBuMAran

Concentration (mg/mL)	13.4301
Sample dn/dc (mL/g)	0.1650
Method File	PS80K-jan-2018-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P16317A_01.vdt	19,435	20,781	1.069	0.1899	19,481