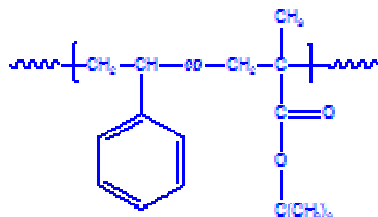


Sample Name:

Random Copolymer Poly(styrene-co-t-butyl methacrylate)

Sample #: **P14772B-StBuMAran**

Structure:



Composition:

PS (mol%) : 98

Mn x 10 ³ PS-co-PtBuMA	PDI
180.0	1.25

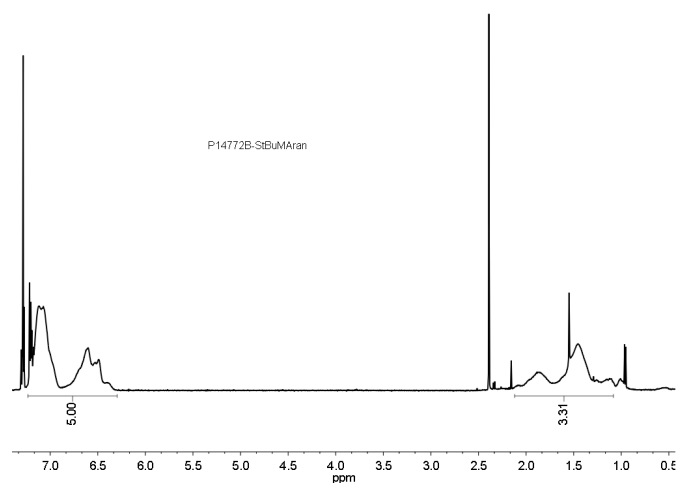
Synthesis Procedure:

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

Characterization:

By size exclusion chromatography (SEC) and by ¹H-NMR spectroscopy .

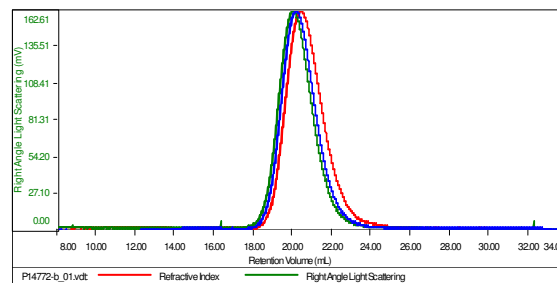
¹H-NMR Spectrum of the random copolymer:



SEC of the random copolymer:

Sample ID: P14472B-StBuMAran

Concentration (mg/mL)	0.4641
Sample divd: (mL/g)	0.1850
Method File	PS80K-July11-2014-0000.vcm
Column Set	3xPL 1113-6300
Solvent	THF



Sample	Mh	Mw	Mp	Mw/Mh	IV
P14772-b_01.vdt	180,090	224,052	219,038	1.244	5.0096

