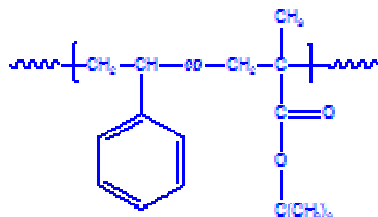


Sample Name:

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

Sample #: P14772A-StBuMAran

Structure:



Composition:

PS (mol%) : 50

Mn x 10 ³ PS-co-PtBuMA	PDI
160.0	1.35

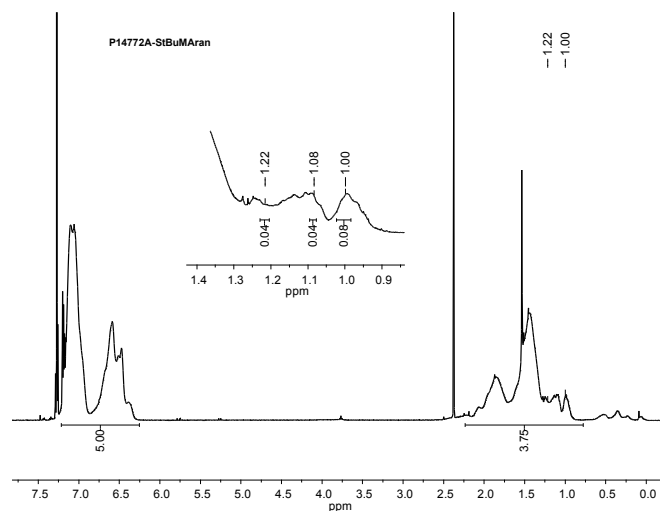
Synthesis Procedure:

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.

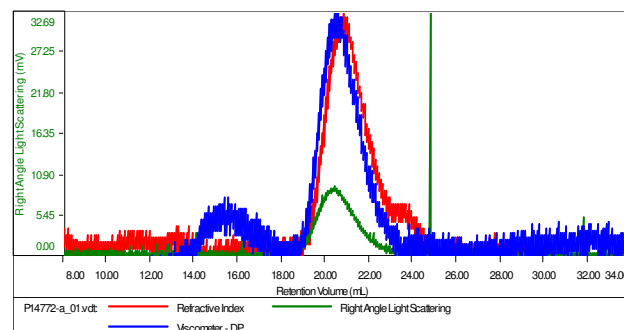
¹H-NMR Spectrum of the random copolymer:



SEC of the random copolymer:

Sample ID: P14472A-StBuMAran

Concentration (mg/mL)	0.0283
Sample chn/c (mL/g)	0.1850
Method File	PS80KJuly11-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mw	Mp	Mw/Mn	IV
P14772-a_01.vdt	159,061	216,412	197,724	1.361	4.6263

