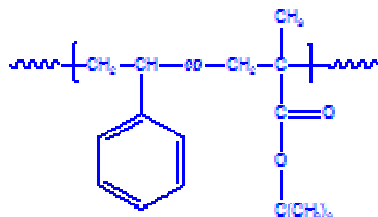


Sample Name:

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

Sample #: **P14772F-StBuMAran**

Structure:



Composition:

PS (mol%) : 95

Mn x 10 <sup>3</sup> PS-co-PtBuMA	PDI
42.0	2.0

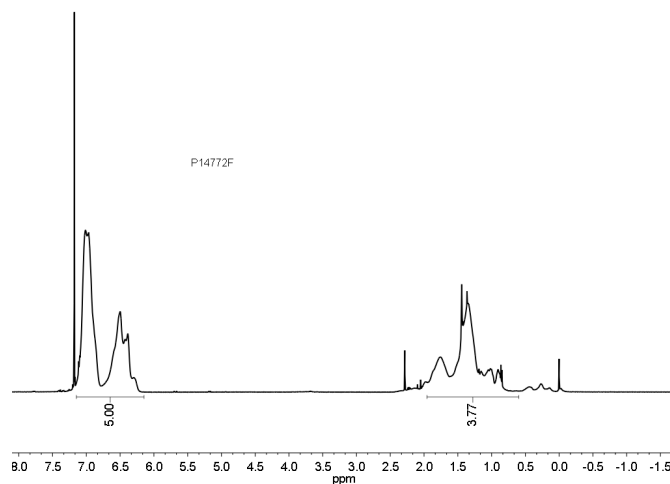
Synthesis Procedure:

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 <sup>1</sup>H-NMR spectroscopy .

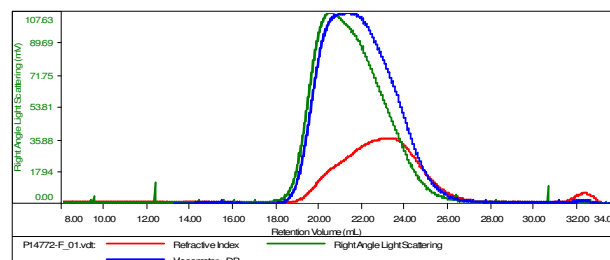
**<sup>1</sup>H-NMR Spectrum of the random copolymer:**



**SEC of the random copolymer:**

Sample ID: **P14472F-StBuMAran**

Concentration (mg/mL)	1.3011
Sample dn/dc (mL/g)	0.1850
Method File	PS80K-July11-2014-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn	Mv	Mp	Mv/Mh	IV
P14772F_01.vcl	47,291	94,342	50,988	1.995	2.6309

