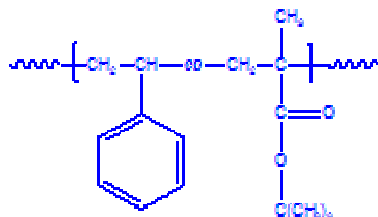


Sample Name:

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

Sample #: **P14772D-StBuMAran**

Structure:



Composition:

PS (mol%) : 95

Mn x 10 ³ PS-co-PtBuMA	PDI
112.0	1.30

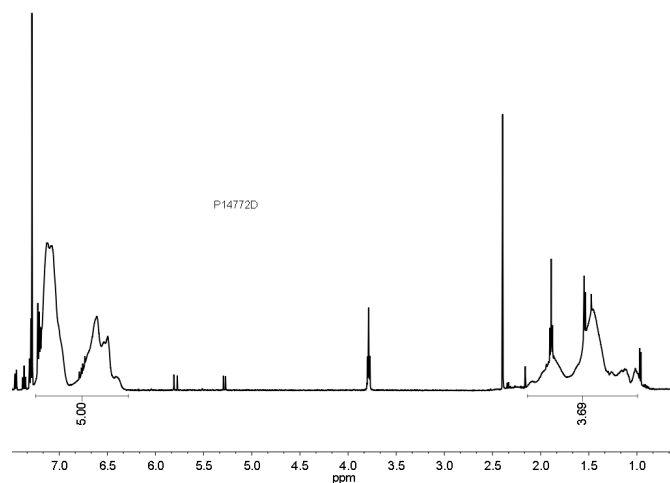
Synthesis Procedure:

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 .

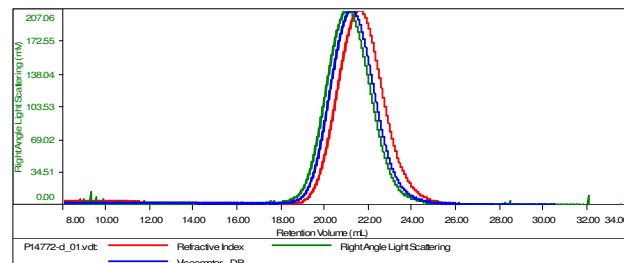
¹H-NMR Spectrum of the random copolymer:



SEC of the random copolymer:

Sample ID: P14472D-StBuMAran

Concentration (mg/mL)	1.0688
Sample chide (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-d_01.vdt	112,125	147,539	131,268	1.316	3.7483

