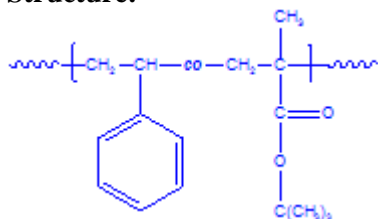


Sample Name: Random Copolymer Poly (styrene-co-t-butyl methacrylate)

Sample #: P16315B-StBuMAran

Structure:



Composition:

PS (mol%) : 54

Mn x 10 ³ PS-co-PtBuMA	PDI
19.5	1.06

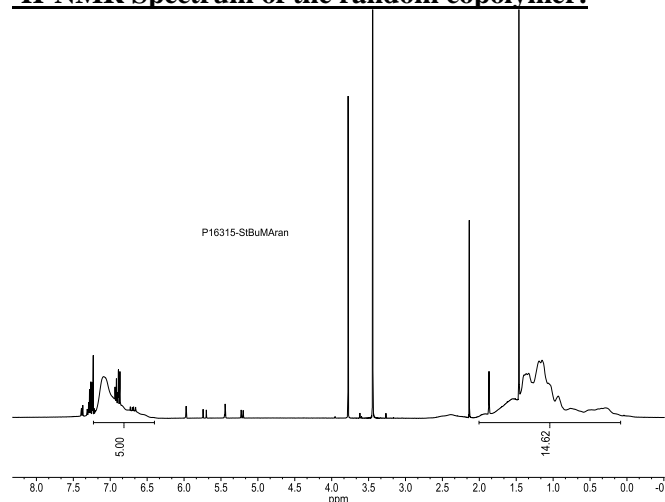
Synthesis Procedure:

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.

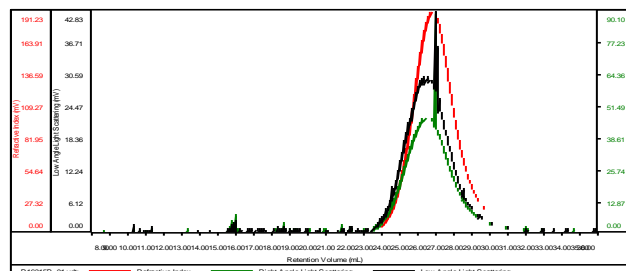
¹H-NMR Spectrum of the random copolymer:



SEC elugram of the random copolymer:

P16315B-StBuMAran

Concentration (mg/mL)	15.1399
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)
P16315B_01.vdt	19,510	20,822	1.067	0.1928	18,833