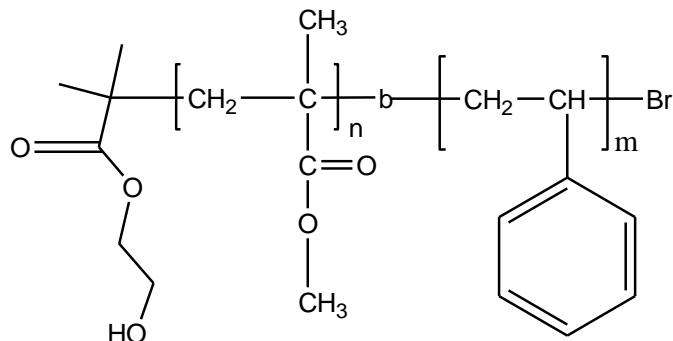


Sample Name: Hydroxy Terminated Poly(methylmethacrylate-*b*-styrene) with Bromide terminal end towards polystyrene block

Sample #: P6646B-HOMMASBr

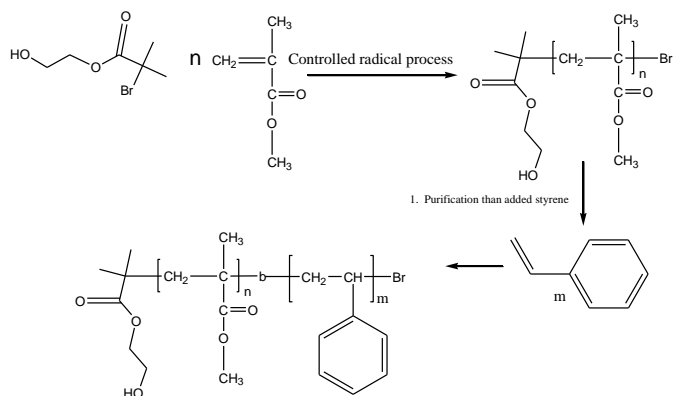


Composition:

Mn x 10 ³ MMA- <i>b</i> -St	Mw/Mn (PDI)	PMMA microstructure (Iso:hetero:syndio)
25.0- <i>b</i> -26.0	1.26	3: 33: 64

Synthesis Procedure:

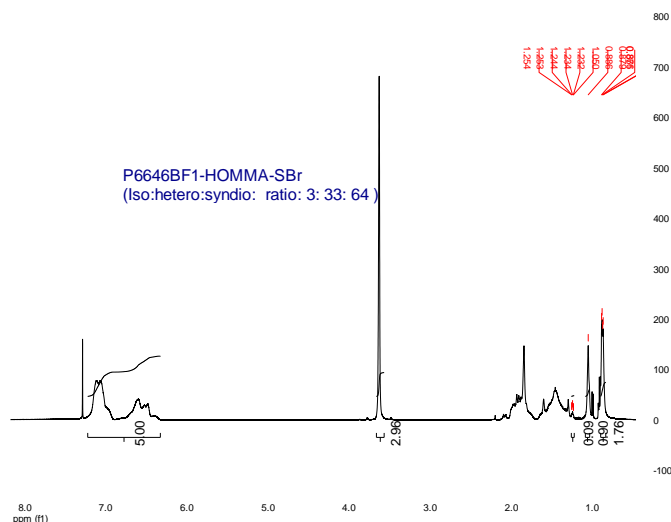
Polymer is obtained by controlled radical process using different ligand system. The scheme of the reaction is illustrated below:



Characterization:

Polymer was analyzed by size exclusion chromatography (SEC) to obtain the molecular weight and polydispersity index (PDI). The final block copolymer composition was calculated from ¹H-NMR spectroscopy.

¹H NMR spectrum of the sample:



SEC profile of the block copolymer:

