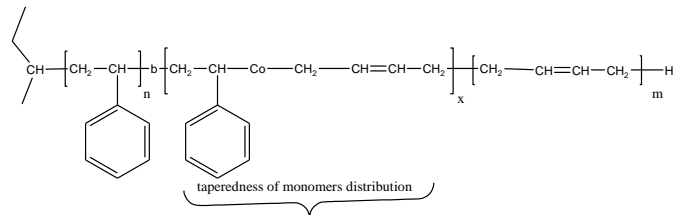


Sample Name: Poly(styrene)-b-poly(1,4-butadiene), tapered block copolymer

Sample #: P42084A-SBdtap

Structure:



Composition:

Mn x 10 ³	PDI
S-b-Bd	
39.0-b-127.0	1.05

S: 23.5 wt%

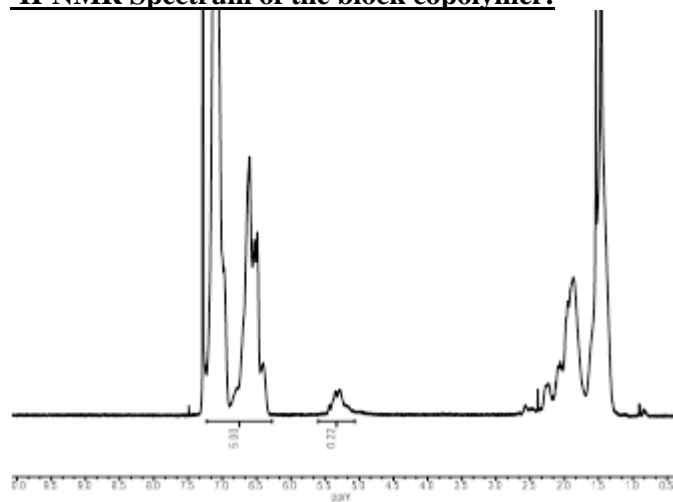
Synthesis Procedure:

The polymer was synthesized by anionic polymerization process.

Characterization:

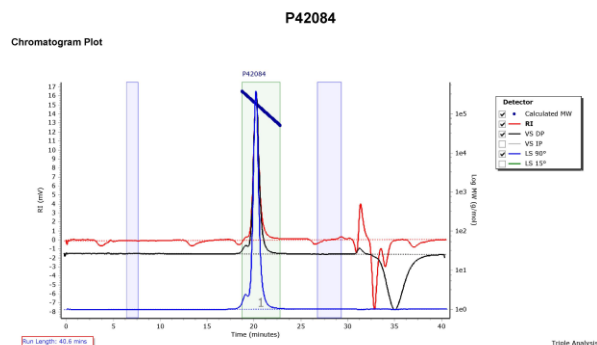
The polymer was characterized by ¹H NMR and size exclusion chromatography (SEC).

¹H-NMR Spectrum of the block copolymer:



SEC elugram of the block copolymer:

Agilent GPC/SEC Software



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	179816	166427	175542	182724	189265	181401	1.055