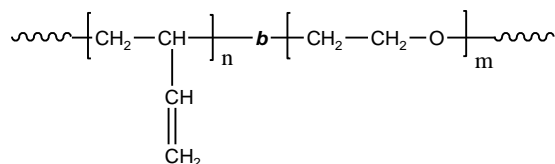


Sample Name: Poly(butadiene-b-ethylene oxide)
Poly butadiene rich in 1,2 microstructures

Sample #: P41690B-BdEO

Structure:



Composition:

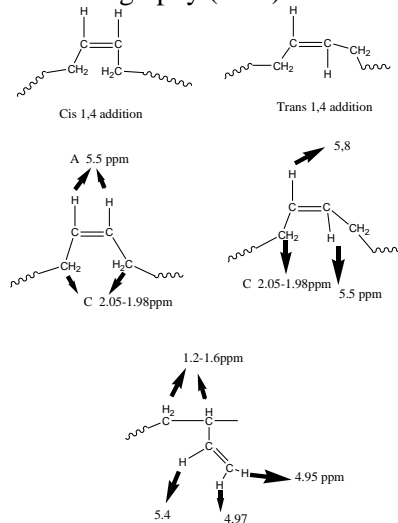
Mn x 10 ³ Bd-b-EO	Mw/Mn (PDI)	% 1,2 addition Butadiene
1.9-b-1.3	1.02	95%

Synthesis Procedure:

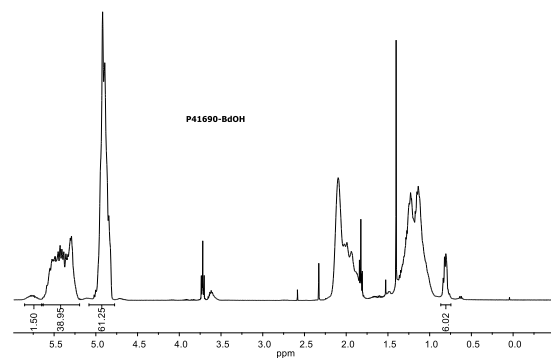
The polymer was synthesized by anionic process using cumyl potassium initiator.

Characterization:

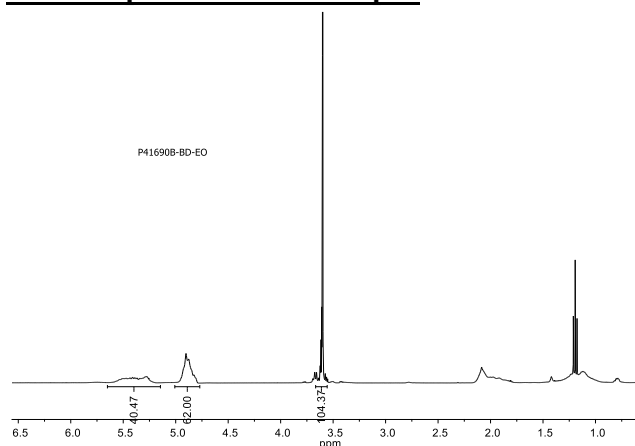
The product was characterized by size exclusion chromatography (SEC) and ¹HNMR.



¹HNMR spectrum of the BdOH Sample:

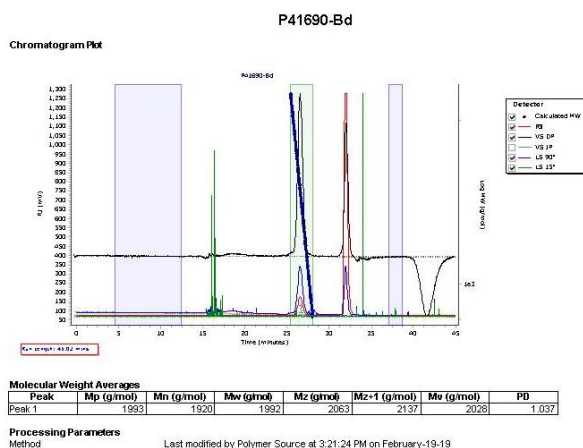


¹H NMR spectrum of the Sample:



SEC elugram of the Bd Block:

Agilent GPC/SEC Software



SEC elugram of the sample:

Agilent GPC/SEC Software

