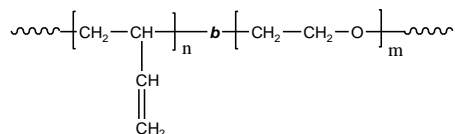


Sample Name: Poly (butadiene-b-ethylene oxide)

Sample #: P43223B-BdEO

Poly butadiene rich in 1,2 microstructures

Structure



Composition:

Mn x 10 ³ Bd-b-EO	Mw/Mn (PDI)	% 1,2 addition Butadiene
2.0-b-0.8	1.07	>90.0

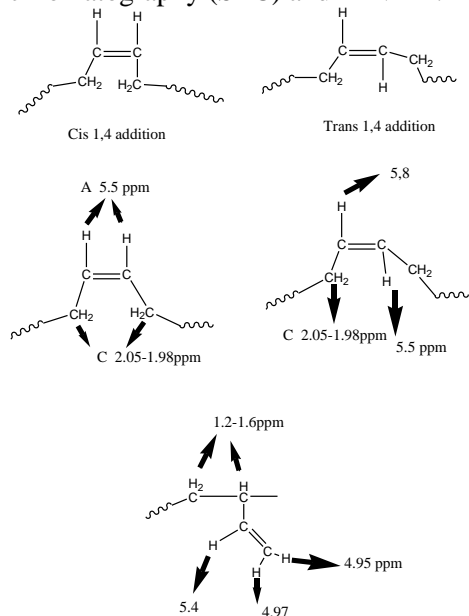
Dp:PBd(37)-b-PEO(19)

Synthesis:

The polymer was synthesized by anionic polymerization process.

Characterization:

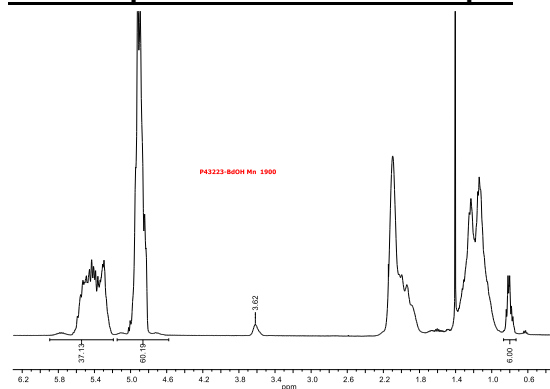
The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.



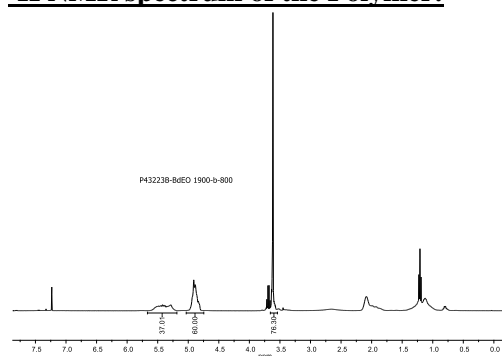
Solubility:

Polymer is soluble in DMF, THF, toluene, hexane, cyclohexane and CHCl₃.

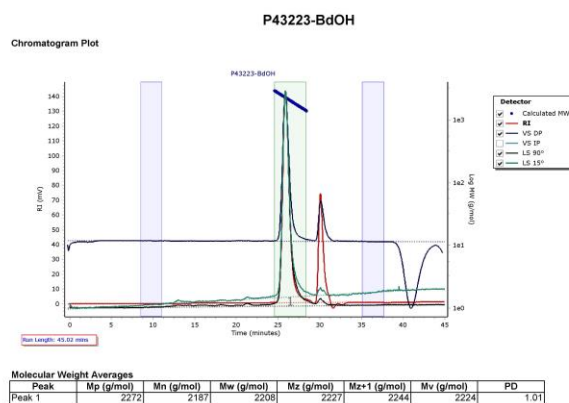
¹H NMR spectrum of the BdOH Sample:



¹H NMR spectrum of the Polymer:



SEC elugram of the BdOH Sample:



SEC elugram of the Polymer:

