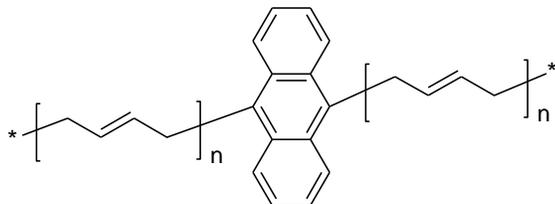


Sample Name:

Poly (1,4-butadiene), with anthracene in the center of polymer chain

Sample #: P2271-BdAnBd

Structure:



Composition:

Mn x 10 ³	PDI
116.0	1.05

Synthesis Procedure:

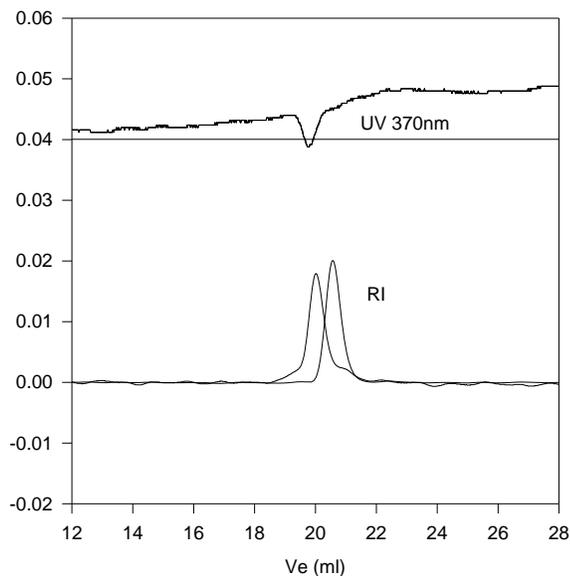
The polymer was synthesized by anionic polymerization process.

Characterization:

The product was characterized by size exclusion chromatography (SEC) to obtain the Molecular Weight.

SEC profile of the Sample:

P2271Bd-An-Bd



Size exclusion chromatography of anthracene labeled polybutadiene:

- Polybutadiene (before coupling), M_n=58000, M_w=60300, PI=1.04
- Anthracene labeled PBd, M_n=116600, M_w=122000, PI=1.05