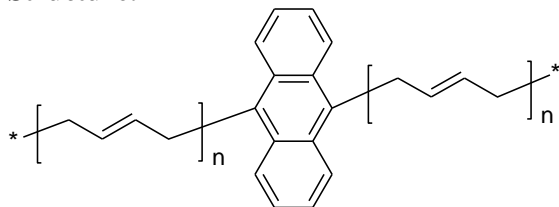


Sample Name:

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:

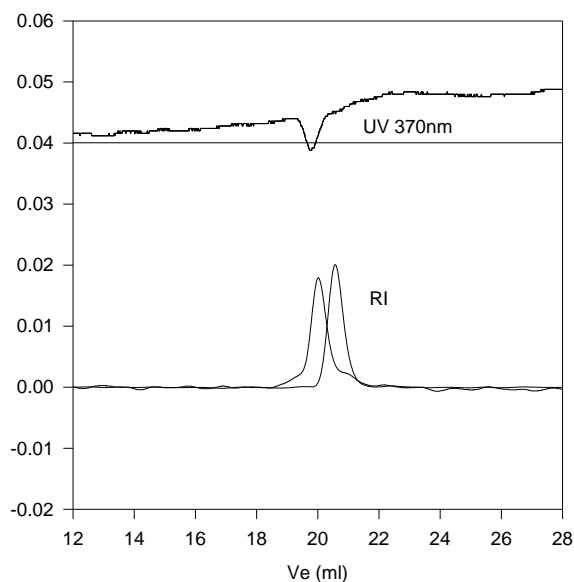
The polymer was synthesized by anionic polymerization process.

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, $M_n=116600$, $M_w=122000$, $PI=1.05$