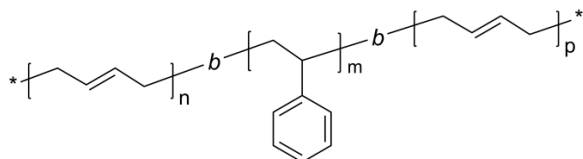


Sample Name:

Poly(1,4-butadiene)-b-poly(styrene)-b-poly(1,4-butadiene)

Sample #: **P1441-BdSBd**

Structure:



Composition:

Mn x 10 ³	PDI
Bd-b-S-b-Bd	
33-b-24-b-35	1.07

Synthesis Procedure:

The polymer is prepared by living anionic polymerization process.

Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

Solubility:

Polystyrene is soluble in THF, toluene and CHCl₃. It precipitates from methanol, ethanol, water, and hexanes (depending on the compositions).

H NMR spectrum of the Sample:

