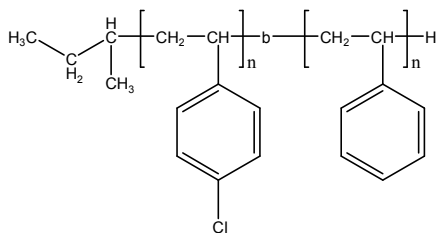


Sample Name: Poly(4-Chlorostyrene-b-Styrene)

Sample #: P11305B-4CISS

Structure:



Composition:

| $M_n \times 10^3$ 4-ClS-b-S | M_w/M_n (PDI) |
|--------------------------------|-----------------|
| 80.0-b-40.0 | 2.4 |

Synthesis Procedure:

By anionic polymerization

Characterization:

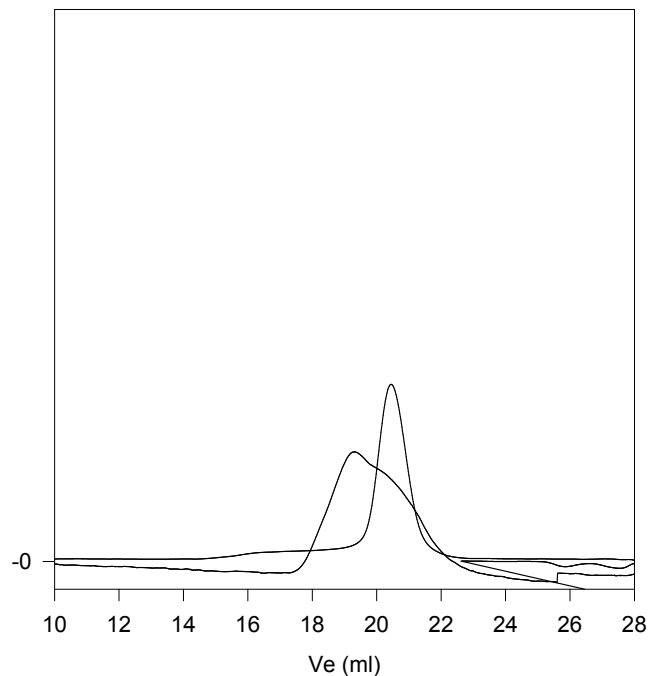
Polymer analyzed by size exclusion chromatography (SEC) to obtain the molecular weight and polydispersity index (PDI).

Solubility:

Polymer is soluble in THF, Chloroform, DMF, and precipitated in methanol and hexanes.

SEC profile of the block copolymer:

P11305B-4CISS



Size Exclusion Chromatograph of Poly(4-Chlorostyrene)

$M_n=80,000$, $M_w=112,000$, $M_w/M_n=1.4$

4ClS-b-S: M_n : 80,000-b-40,000 M_w/M_n :2.4