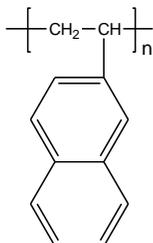


Sample Name: Poly(2-vinyl naphthalene)

Sample #: P10989B-2VN

Structure:



Composition:

| $M_n \times 10^3$ | $M_w \times 10^3$ | PDI |
|-------------------|-------------------|-----|
| 56.0 | 86.0 | 1.5 |

Synthesis Procedure:

Poly(2-vinyl naphthalene) is synthesized by anionic living polymerization of 2-vinyl naphthalene.

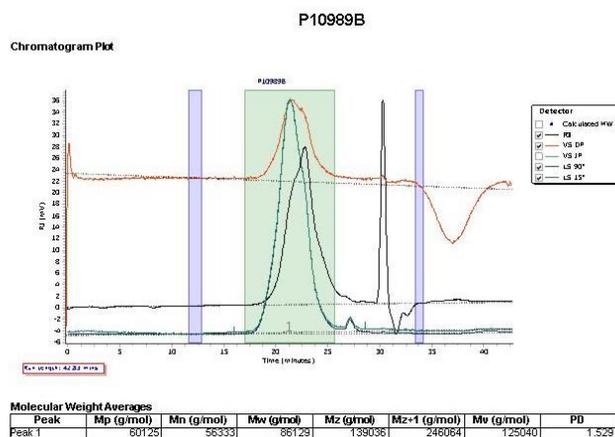
Characterization:

The molecular weight and polydispersity index (PDI) of Poly(2-vinyl naphthalene) are obtained by size exclusion chromatography in THF using dn/dc 0.230 ml/g.

Solubility:

Poly(2-vinyl naphthalene) is soluble in DMF, THF, toluene and $CHCl_3$. It precipitates from methanol, ethanol, water, and hexanes.

SEC elugram of Homopolymer:



For further Information, please see the following our paper:

Faquan Zeng, Mu Yang, Jianxin Zhang, **Sunil K. Varshney**, "Synthesis and characterization of block copolymers from 2-vinyl naphthalene by anionic polymerization" J. of Polymer Science, Journal of Polymer Science Part A: Polymer Chemistry, 40, 24, 4387-4397 2002.