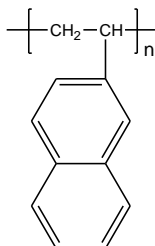


Sample Name: **Poly(2-vinyl naphthalene)**

Sample #: P44468D3-2VN

Structure:

**Composition:**

Mn x 10 ³	Mw x 10 ³	PDI
1.1	1.9	1.66

Synthesis Procedure:

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

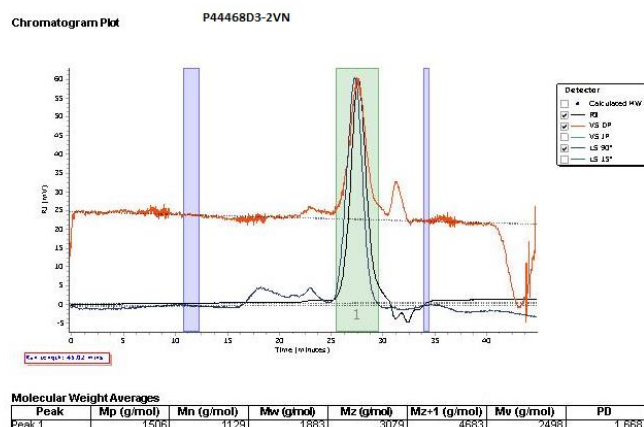
Characterization:

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-vinylnaphthalene by anionic polymerization" *J. of Polymer Science, Journal of Polymer Science Part A: Polymer Chemistry*, 40, 24, 4387-4397 2002.