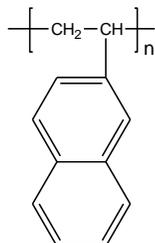


Sample Name: Poly(2-vinyl naphthalene)

Sample #: P44217E-2VN

**Structure:**



**Composition:**

$M_n \times 10^3$	$M_w \times 10^3$	PDI
138.0	217.0	1.5

**Synthesis Procedure:**

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

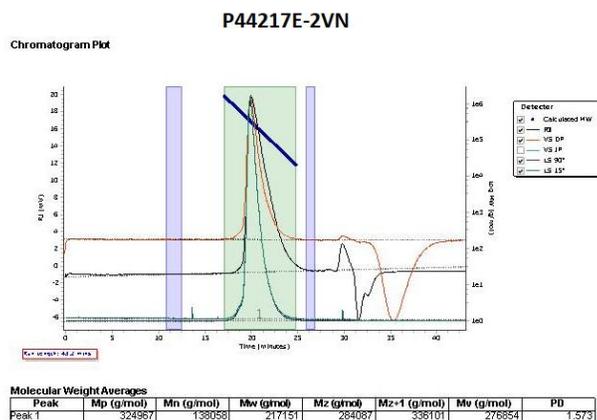
**Characterization:**

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