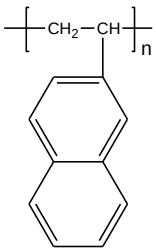
Sample Name: **Poly(2-vinyl naphthalene)**

Sample #: **P40699-2VN**

Structure:



Composition:

Mn x 10^3	PDI
7.5	1.6

Synthesis Procedure:
Poly (2-vinyl naphthalene) is obtained by anionic polymerization process.

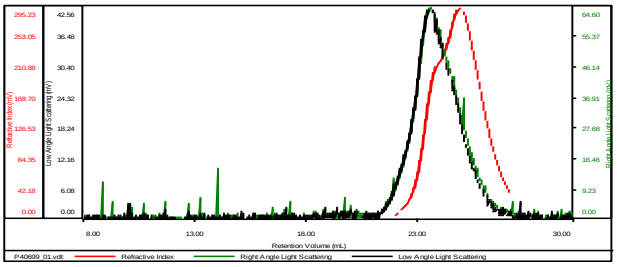
Characterization:
The product was characterized by size exclusion chromatography (SEC).

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

SEC of Homopolymer:

P40699-2VN

Concentration (mg/mL)	23.4340
Sample dn/dc (mL/g)	0.2100
Method File	PS80K-august2017-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
P40699_01.vdt	7,319	11,861	1.621	0.0275	7,353

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.