

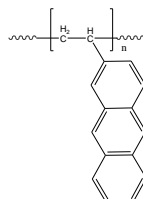
# Product Profile

## Identification

**Product Name:** Poly 2-Vinylanthracene

**Product Lot Number:** P44636B-2VAn

**Product Chemical Architecture:**



## Composition:

Mn x 10 <sup>3</sup>	Mw/Mn (PDI)
23.0	1.02

**Method of Synthesis :** By Cat bionic polymerization process

## Solubility in different solvents

THF	√		
CHCl <sub>3</sub>	√		
Toluene-Hot	√		

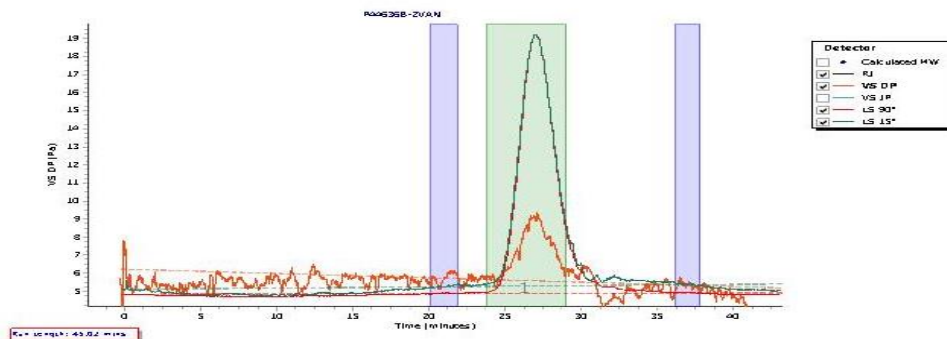
**Purification of Polymer:** By repeated precipitation in methanol till get clear methanol solution

## Validation of Architecture:

### A. Gel Permeation Chromatography (GPC), SEC- Profile

P44636B-2VAN

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	23118	23119	23457	23808	24171	23806	1.015

### B. NMR (HNMR) of the monomer used:

