

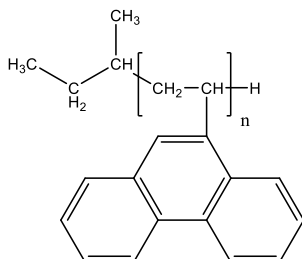
# Product Profile

## Identification

**Product Name:** Poly(9-vinyl phenanthracene)

**Product Lot Number:** P44580D-9VPh

## Product Chemical Architecture:



## Composition:

Mn x 10 <sup>3</sup>	Mw/Mn (PDI)
14.5	1.6

## Method of Synthesis:

The polymer was synthesized by anionic polymerization process.

## Solubility in different solvents

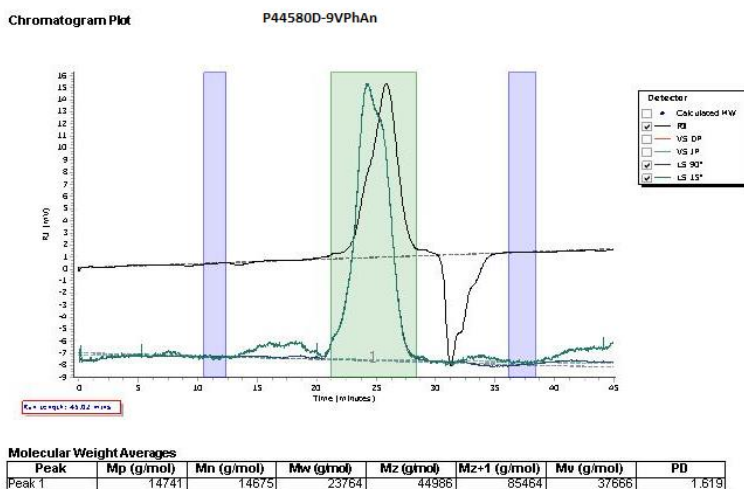
THF	√		
CHCl <sub>3</sub>	√	CHCl <sub>3</sub>	√
Toluene-Hot	√		

## Purification of Polymer:

Precipitation in hot methanol

## Validation of Architecture:

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



**B. NMR (HNMR) of monomer:**

