

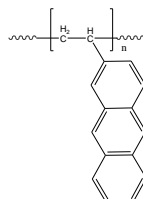
Product Profile

Identification

Product Name: Poly 2-Vinylanthracene

Product Lot Number: P44636-2VAn

Product Chemical Architecture:



Composition:

Mn x 10 ³	Mw/Mn (PDI)
7	1.25

Method of Synthesis : By anionic polymerization process

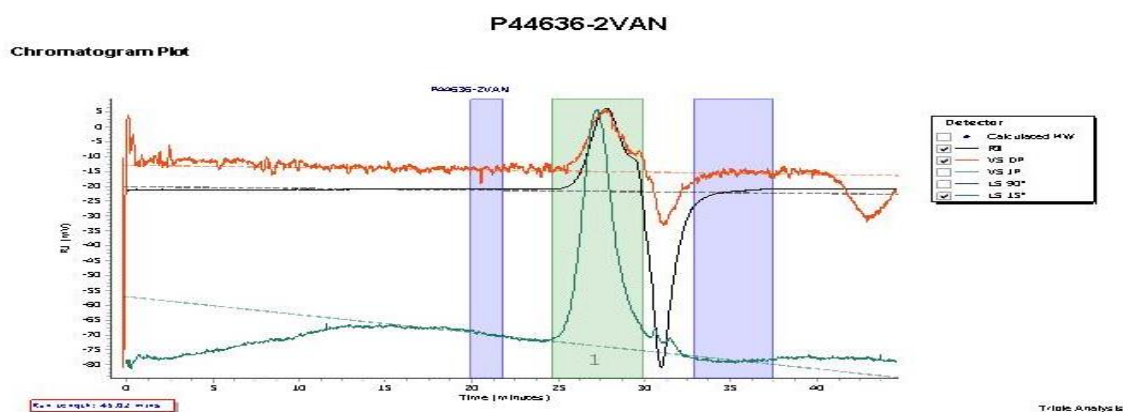
Solubility in different solvents

THF	√		
CHCl ₃	√		
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



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	7938	8910	8676	11133	14548	10090	1.256

B. NMR (HNMR) of the monomer used:

