

Product Profile

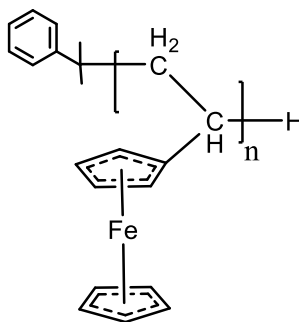
Identification

Product Name: Poly(vinylferrocene)

Product Lot Number: P45361-VFcn

Product CAS#: 34801-99-5

Product Chemical Architecture:



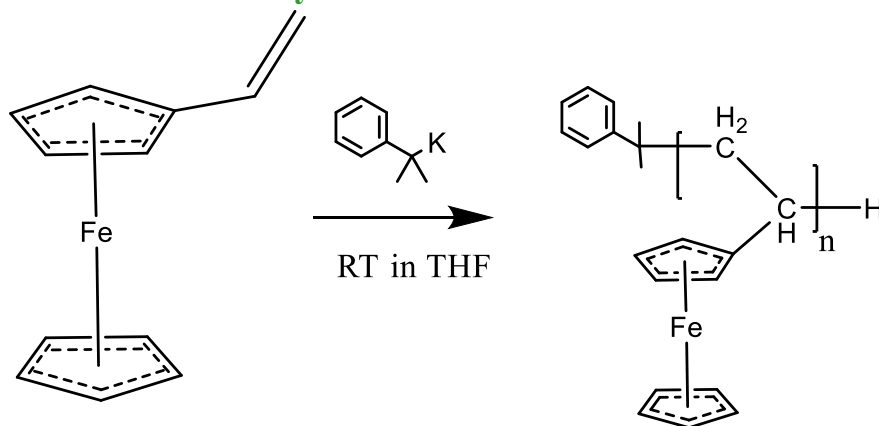
Composition:

Mn x 10 ³	Mw/Mn (PDI)
3.0	1.9

Solubility in different solvents

THF	√		
CHCl ₃	√		
Toluene-Hot	√		

Purification of Polymer: Solvent non solvent fractionation



Validation of Architecture:

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

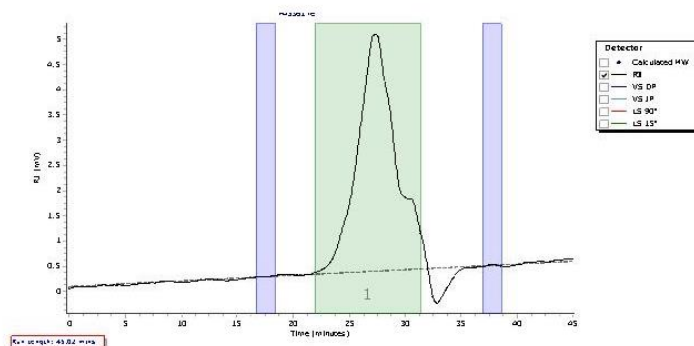
Agilent GPC/SEC Software



Agilent Technologies

Chromatogram Plot

P45361-VFen



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	4376	2983	5753	10872	18863	8993	1.929

B. NMR (HNMR) of polymer:



Poly Vinyl Ferrocene Mn 2500 P45322-VFen

