

# Product Profile

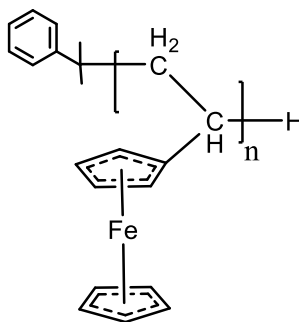
## Identification

**Product Name:** Poly(vinylferrocene)

**Product Lot Number:** P45322-VFcn

**Product CAS#:** 34801-99-5

**Product Chemical Architecture:**



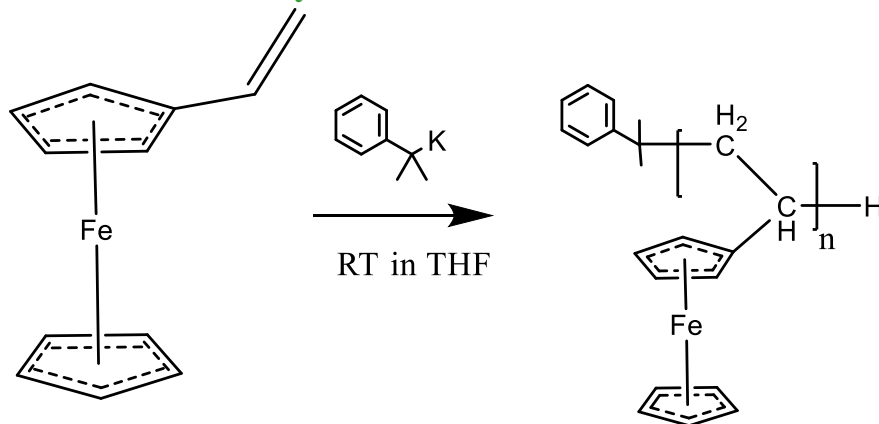
**Composition:**

| Mn x 10 <sup>3</sup> | Mw/Mn (PDI) |
|----------------------|-------------|
| 2.5                  | 1.28        |

**Solubility in different solvents**

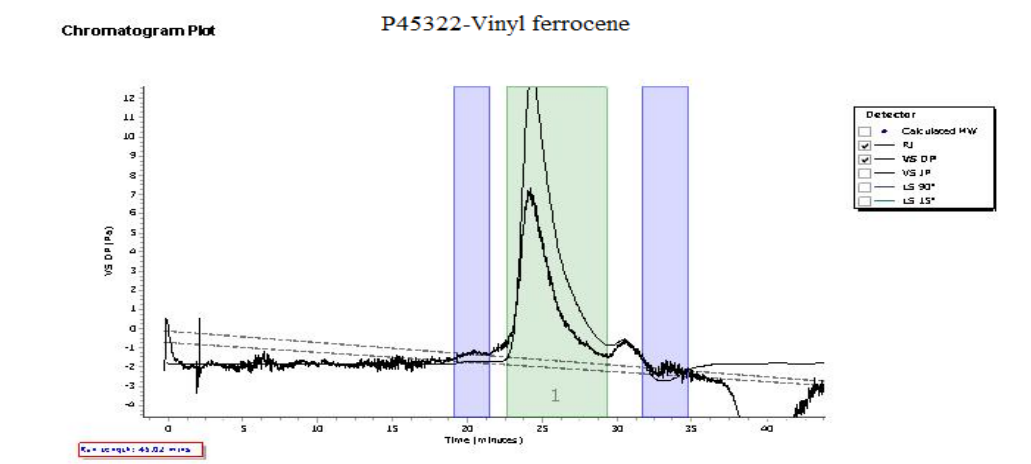
|                   |   |  |  |
|-------------------|---|--|--|
| THF               | √ |  |  |
| CHCl <sub>3</sub> | √ |  |  |
| Toluene-Hot       | √ |  |  |

**Purification of Polymer:** Solvent non solvent fractionation



## Validation of Architecture:

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



### B. NMR (HNMR) of polymer:

