

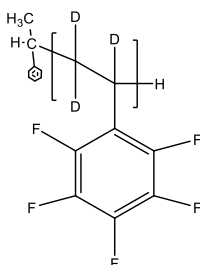
Product Profile

Identification

Product Name: Deuterated Poly(pentafluorostyrene-d3)

Product Lot Number: P45139-d3-5FS

Product Chemical Architecture:



Composition:

| Mn x 10 ³ | Mw/Mn (PDI) |
|----------------------|-------------|
| 1.0 | 1.3 |

Method of Synthesis: By controlled radical process.

Solubility in different solvents

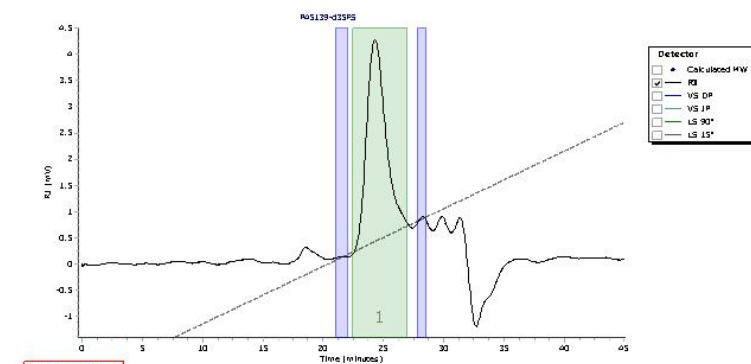
| | |
|-------------------|---|
| THF | √ |
| CHCl ₃ | √ |
| Toluene-Hot | √ |

Validation of Architecture:

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

P45139-d35FS

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) | PDI |
|--------|------------|------------|------------|------------|--------------|------------|-------|
| Peak 1 | 1393 | 1030 | 1347 | 1656 | 1943 | 1531 | 1.308 |