

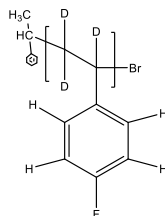
# Product Profile

## Identification

**Product Name:** Deuterated Poly(4-Fluorostyrene-d3)

**Product Lot Number:** P70285A-d3-4FS

**Product Chemical Architecture:**



## Composition:

Mn x 10 <sup>3</sup>	Mw/Mn (PDI)
35.0	1.35

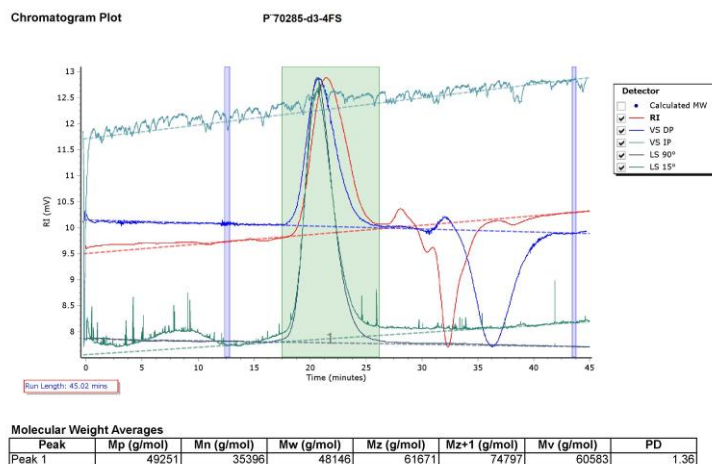
**Method of Synthesis:** By controlled radical process.

## Solubility in different solvents

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

## Validation of Architecture:

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



## Monomer used in this process.

Sample: d3-4FS (Lot# P70285)	125.2
D atom %	97%
Chemical Purity	96%

## <sup>2</sup>D NMR of d3-4FS:

