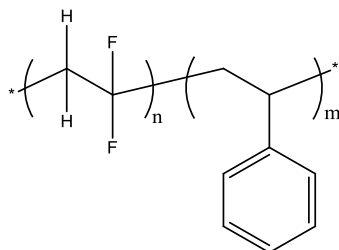


Sample Name:

**Block copolymer of Vinylidene difluoride and styrene**

P 18632B-VDFS

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
3.5-b-0.5	1.5

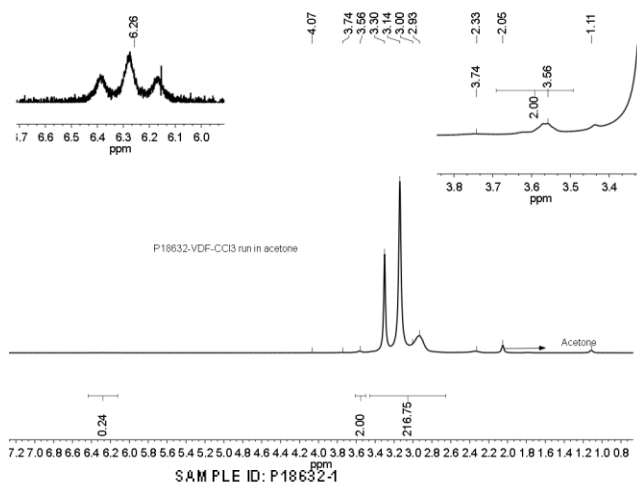
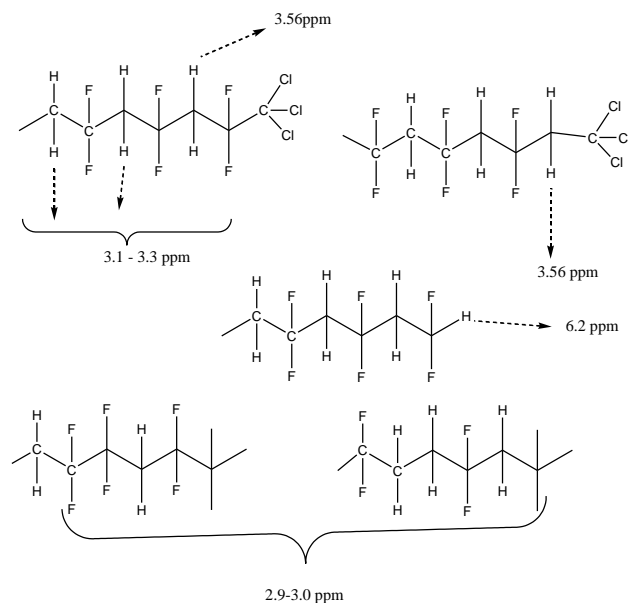
**Synthesis Procedure:**

Radical process using CHCl<sub>3</sub> as chain transfer reagent in emulsion polymerization for the macroinitiator and polymerization with styrene using controlled radical process.

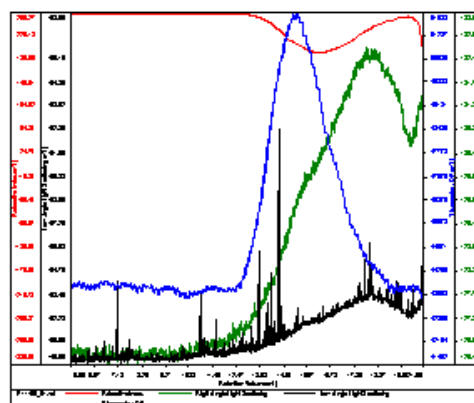
**Characterization:**

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) in DMF and by HNMR. IN DMF it gives negative response because of low dn/dc. It only provide Mw/Mn of the polymer and Mn calculated from its HNMR analysis using end group analysis.

**Solubility: Polymer is soluble in DMF.**



Conc mg/mL	25.0000
dn/dc mL/g	0.0142
Flowed	0.300420140000 cm
Solvent	DMF v 0.03ML/D
Column	PSS



PDI	1.5
Mn	0.1142

HNMR of the Block copolymer in DMF:

