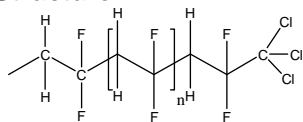


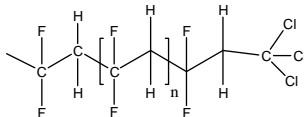
Sample Name: Trichloromethyl-terminated Poly(Vinylidene Difluoride)

Sample # P 18632-VDF-CCl3

Structure:



Head to Tail arrangement



Head to Tail arrangement

Composition:

Mn x 10 ³	Mw/Mn
5.0	1.5

Synthesis procedure:

The polymer was obtained by radical process using CHCl₃ as chain transfer reagent in emulsion polymerization.

Characterization:

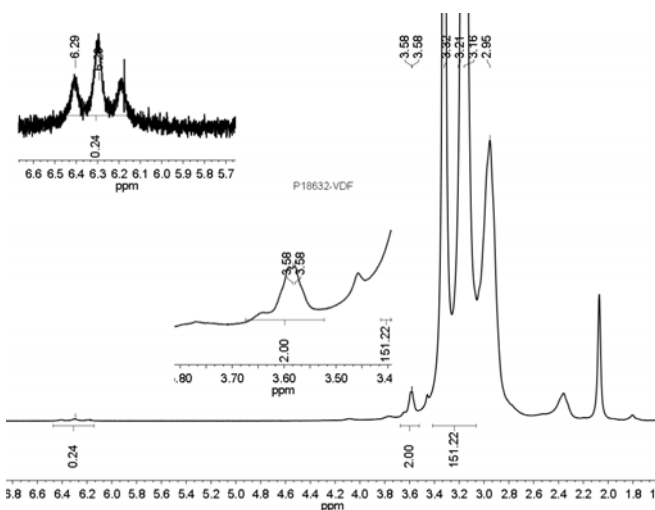
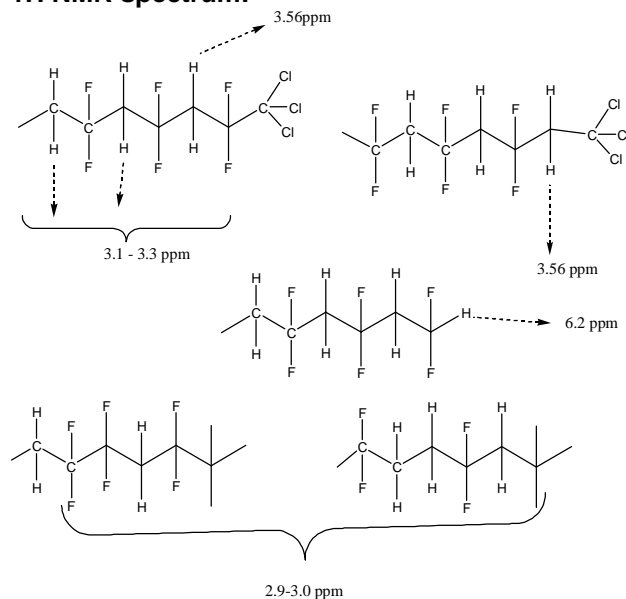
The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) in DMF and by ¹H NMR (500 MHz).

SEC elugram in DMF gives negative response because of low dn/dc. It only provide Mw/Mn of the polymer and Mn calculated from hydrogen NMR using end group analysis.

Solubility:

The polymer is soluble in DMF.

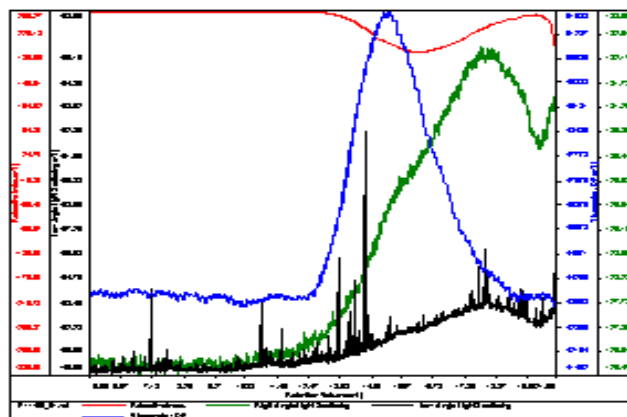
¹H NMR spectrum:



SEC:

SAMPLE ID: P18632-1

Conc. mg/mL	25.0000
dn/dc mL/g	0.0142
Flow rate	0.300 ± 0.000 mL/min
Solvent	DMF - d7 (0.000000)
Column	PSS



Mw/Mn	1.5
PDI	0.1142