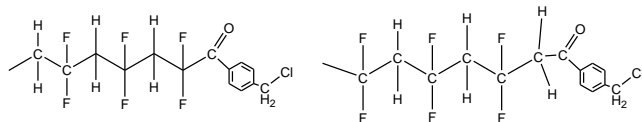


**Sample Name:** Benzoyl Chloride Terminated Vinylidene difluoride

**Sample #:** P18767-VDF-BzCl

**Structure:**

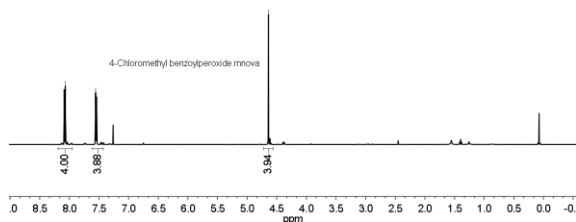
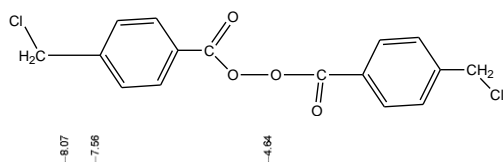
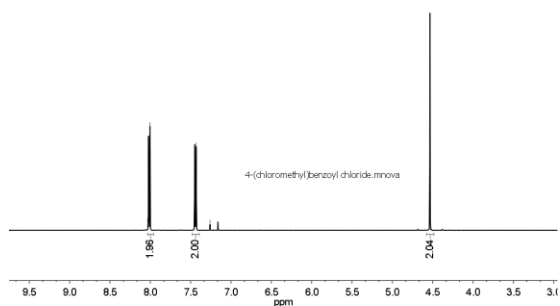
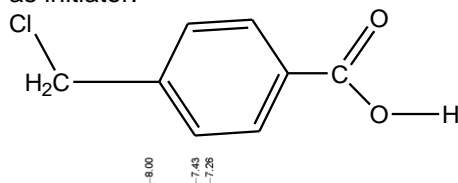


**Composition:**

Mn x 10 <sup>3</sup>	PDI
15.0	1.4
Bz-Cl functionality	< 90%

**Synthesis Procedure:**

Radical process using 4-chloromethyl benzoyl peroxide as initiator:



**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.

**NMR Carried out in DMF:**

