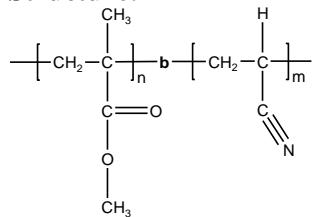


+Sample Name: Poly (Acrylonitrile-b-nButylacrylate)

Sample #: P16185A-ACNnBuA

Structure:



Composition:

Mn × 10 ³ ACN-b-nBuA	Mw/Mn (PDI)
9.0-b-22.5	1.25

Synthesis Procedure:

Polymer is prepared by controlled radical process.

Characterization:

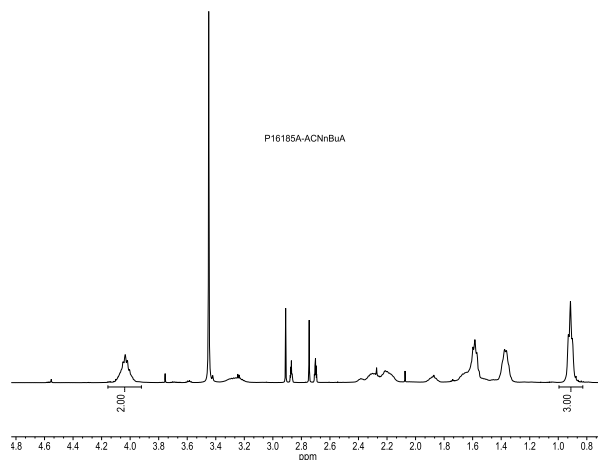
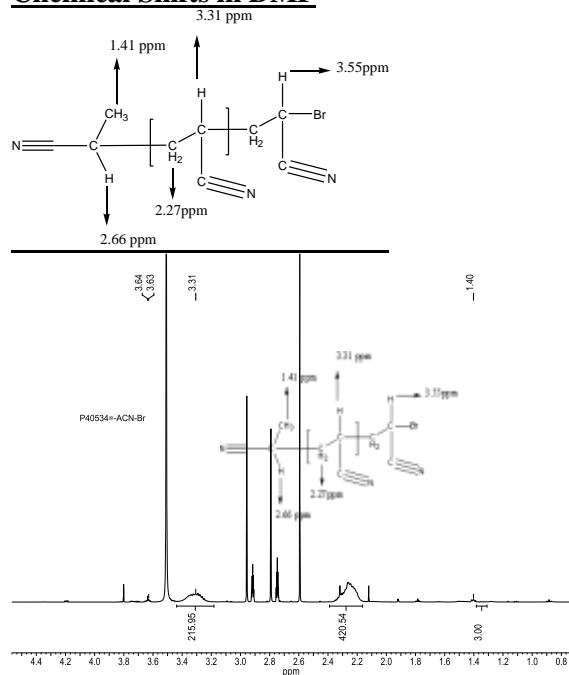
The polymer was characterized by ¹H NMR and size exclusion chromatography (SEC) in DMF.

Solubility:

Polymer is soluble in DMF, and precipitated in methanol and hexanes.

¹H NMR spectrum of the Polymer in DMF:

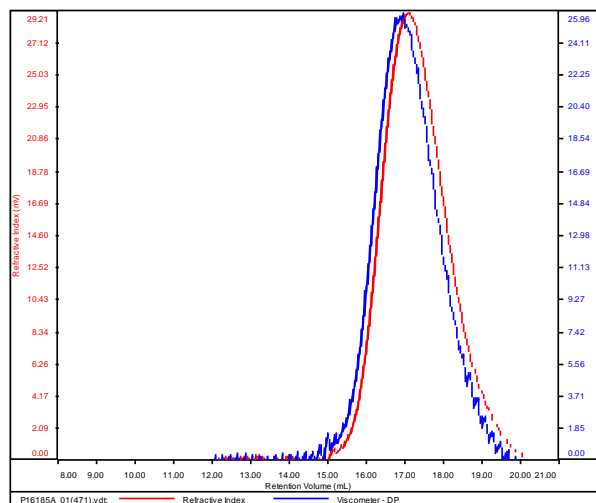
Chemical Shifts in DMF



SEC elugram of the product:

P16185A-ACNnBuA

Conc	3.5202
dn/dc	0.1000
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k-March2017-0002.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16185A_01(471).vdt	31,621	39,997	27,805	1.265	0.1571