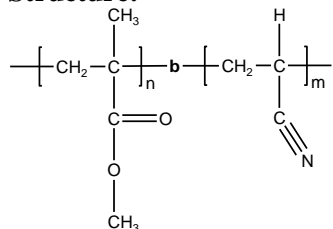


Sample Name:
Poly (Methylmethacrylate-b-Acrylonitrile)

Sample #: **P41048-MMAACN**
PMMA block rich in Syndiotactic fraction

Structure:



Composition:

$M_n \times 10^3$ MMA-b-ACN	M_w/M_n (PDI)
6.0-b-25.0	1.6

Product color : Orange color

Synthesis Procedure:

Polymer is prepared by anionic polymerization process which the addition of monomers is as ACN monomer added first, followed by MMA monomer.

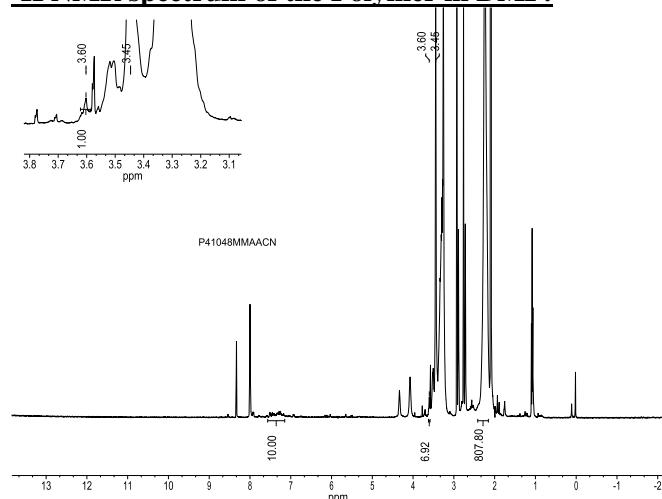
Characterization:

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

Solubility:

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

^1H NMR spectrum of the Polymer in DMF:



SEC elugram of the polymer:

Conc	0.0754
divis	0.0000
Solvent	DMF v 0.0250(1.6)
Flow Rate	0.1000
Method	PMMA_2017-05-02-0001.DI.vnm

