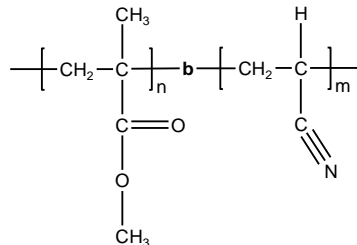


Sample Name:
Poly (Methylmethacrylate-b-Acrylonitrile)

Sample #: **P41151-MMAACN**
PMMA block rich in Syndiotactic fraction

Structure:



Composition:

Mn × 10 ³ MMA-b-ACN	Mw/Mn (PDI)
17.0-b-113.0	1.5

Color : ivory

Synthesis Procedure:

The polymer is prepared by anionic polymerization process.

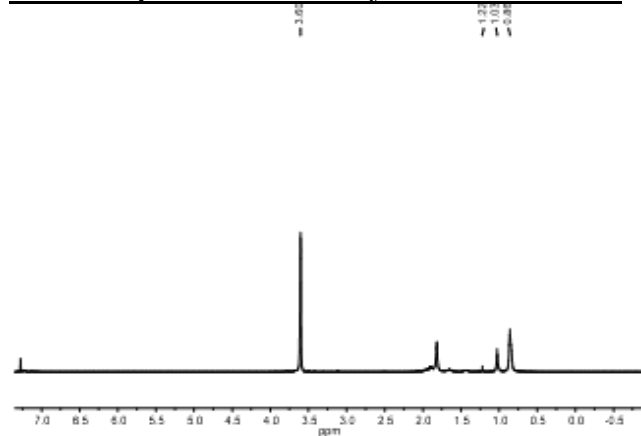
Characterization:

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

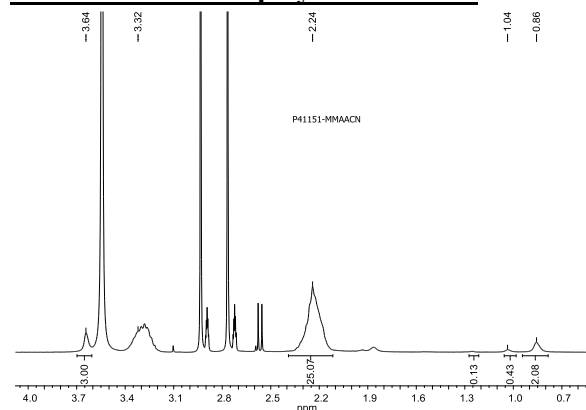
Solubility:

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

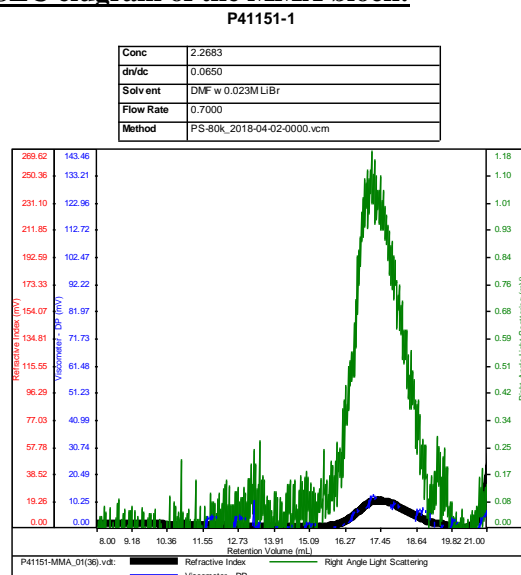
¹H NMR spectrum of the Polymer PMMA block:



¹H NMR of Block Copolymer in DMF:



SEC elugram of the MMA block:



Sample	Mn	Mw	Mp	Mw/Mn	IV
P41151-MMA_01(36).vdt	17,074	17,346	15,886	1.016	0.1096

SEC elugram of the Sample:

