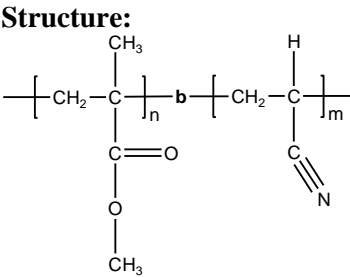


Sample Name:  
Poly (Methylmethacrylate-b-Acrylonitrile)

Sample #: P41151A-MMAACN  
PMMA block rich in Syndiotactic fraction



Mn × 10 <sup>3</sup> MMA-b-ACN	Mw/Mn (PDI)
17.0-b-13.0	2.9

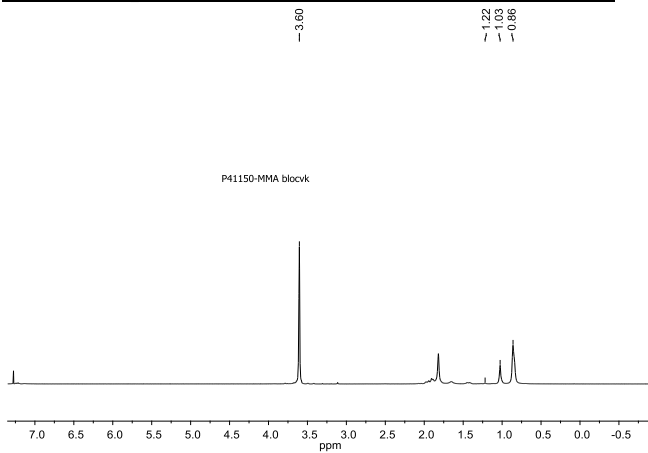
Color : ivory

Synthesis Procedure:  
The polymer is prepared by anionic polymerization process.

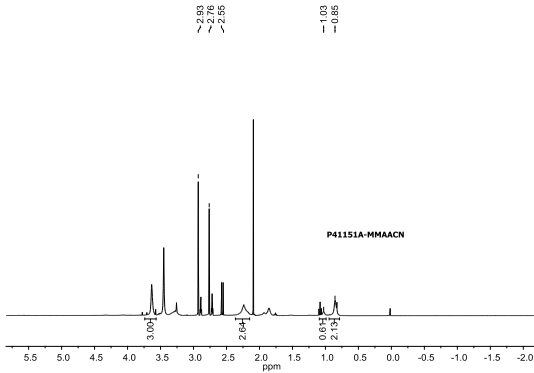
Characterization:  
The polymer was characterized by size exclusion chromatography (SEC) in DMF and <sup>1</sup>H NMR.

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

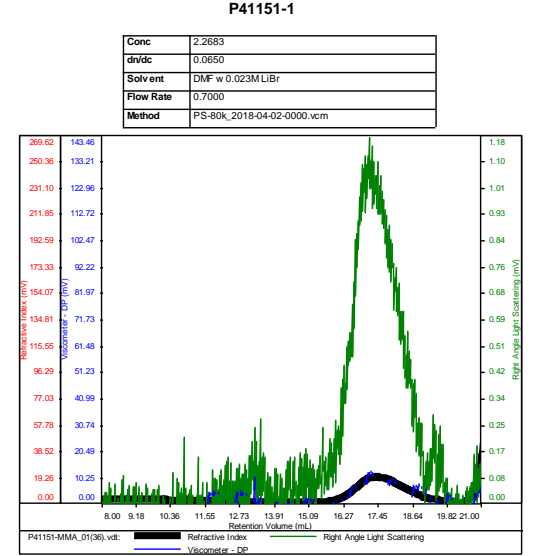
<sup>1</sup>H NMR spectrum of the Polymer PMMA block:



HNMR of Block Copolymer in DMF:

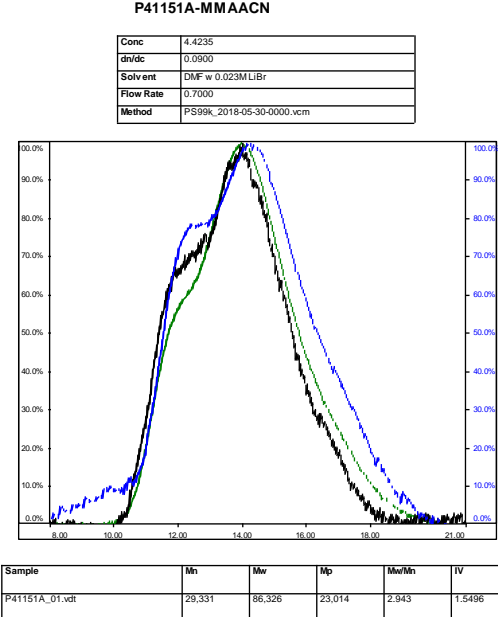


SEC elugram of the MMA block:



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:



Sample	Mn	Mw	Mp	Mw/Mn	IV
P41151A_01.vdt	29,331	86,326	23,014	2.943	1.5496