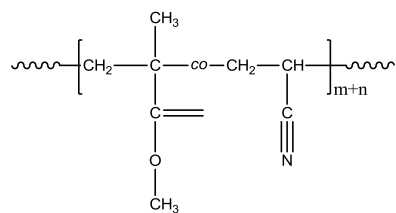


Sample Name: Random Copolymer Poly (methyl methacrylate-co-acrylonitrile)

Sample #: P41050-MMAACNran

Structure:



Composition:

Mn x 10 ³ PMMA-co-ACN	PDI
193.0	1.6
PMMA : 10 mole%	

Synthesis Procedure:

The polymer was synthesized by anionic polymerization process.

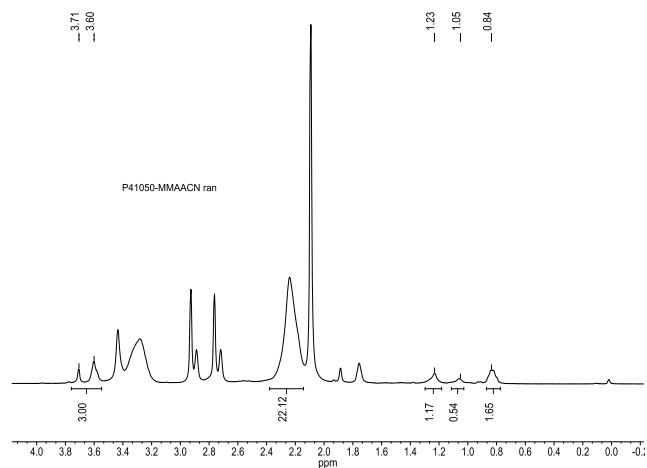
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

Solubility:

The polymer is soluble in DMF.

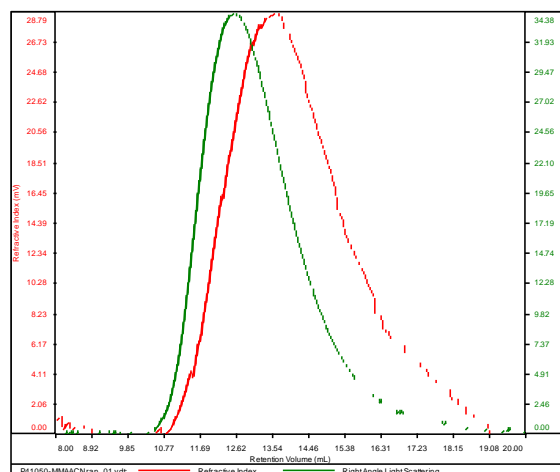
¹H-NMR Spectrum of the random copolymer:



SEC elugram of the random copolymer:

P41050-MMAACNran

Conc	6.4414
dn/dc	0.0650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k_2018-03-09-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P41050-MMAACNran_01.vdt	193,436	311,356	255,805	1.610	1.0086