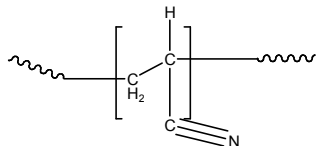


Sample Name:
Poly (Acrylonitrile)

Sample #: **P40190-AN**

Structure:



Composition:

$M_n \times 10^3$	M_w/M_n (PDI)
42.0	2.1

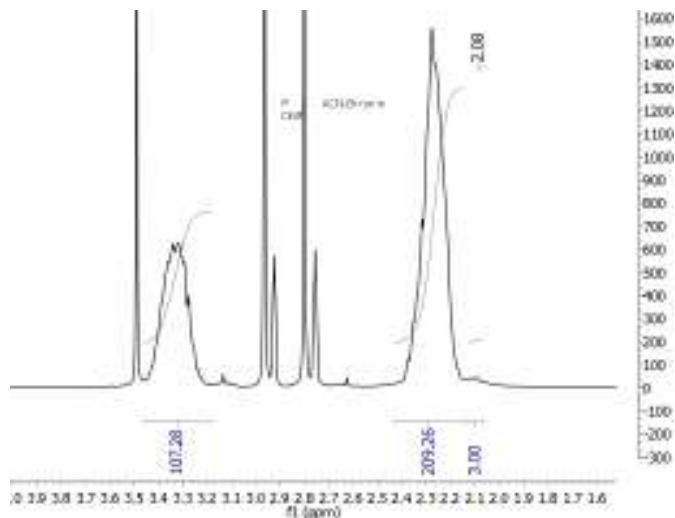
Synthesis Procedure:

Polymer is prepared by combination of a controlled radical process using 2-bromopropionitrile as initiator in ethylene carbonate as solvent.

Solubility:

Polymer is soluble in DMF

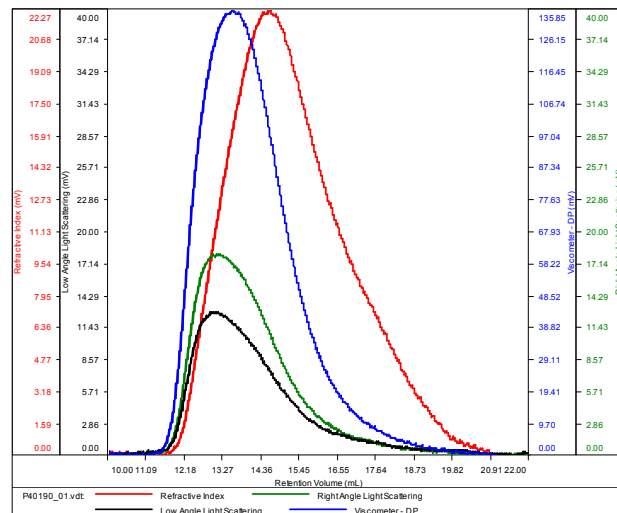
H NMR:



SEC profile of the polymer carried out in DMF

P40190-AN

Conc (mg/mL)	1.4861
dn/dc (mL/g)	0.1650
Method	PS80k-October192016-0000.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	M_n	M_w	M_p	M_w/M_n	IV
P40190_01.vdt	42,162	90,260	72,886	2.141	3.0577