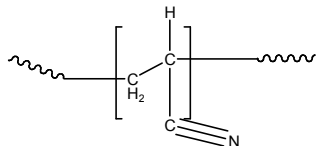


Sample Name:
Poly (Acrylonitrile)

Sample #: **P40200E-AN**

Structure:



Composition:

$M_n \times 10^{-3}$	M_w/M_n (PDI)
30.5	1.6

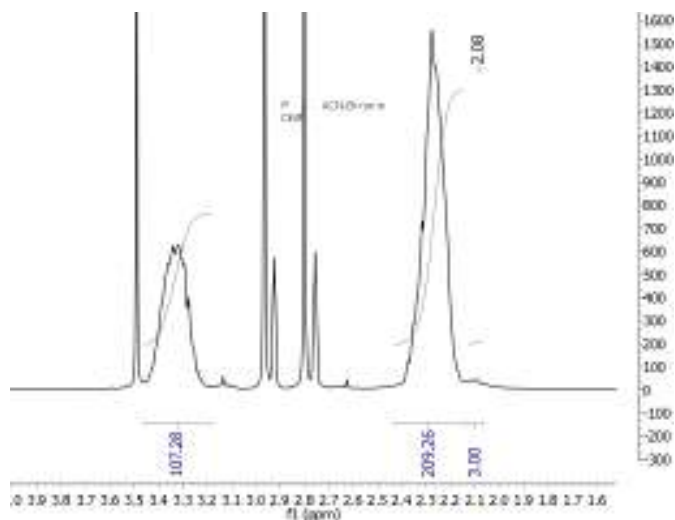
Synthesis Procedure:

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

Solubility:

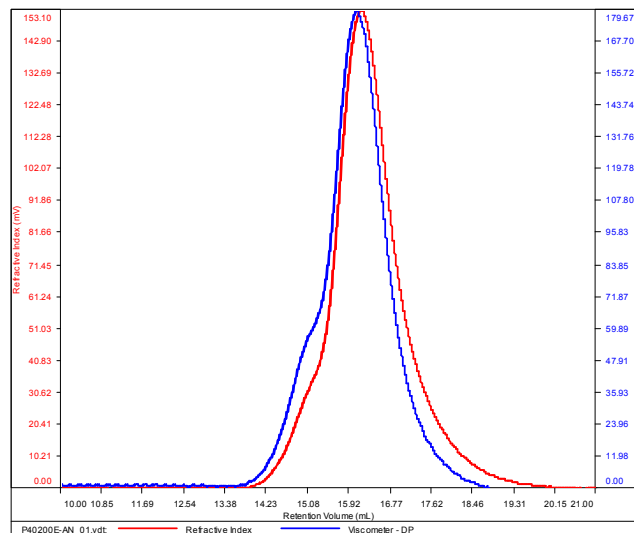
Polymer is soluble in DMF

H NMR:



SEC profile of the polymer carried out in DMF P40200E-AN

Conc (mg/mL)	8.6622
dn/dc (mL/g)	0.1650
Method	PS80k-Nov162016-0000.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	M_n	M_w	M_p	M_w/M_n	IV
P40200E-AN_01.vdt	30,654	49,992	26,016	1.631	0.3445