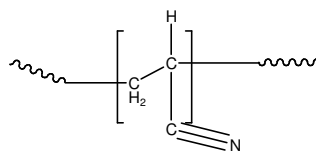


Sample Name:
Poly(Acrylonitrile)

Sample #: P18378-AN

Structure:



Composition:

$M_n \times 10^3$	M_w/M_n (PDI)
88.0	1.3

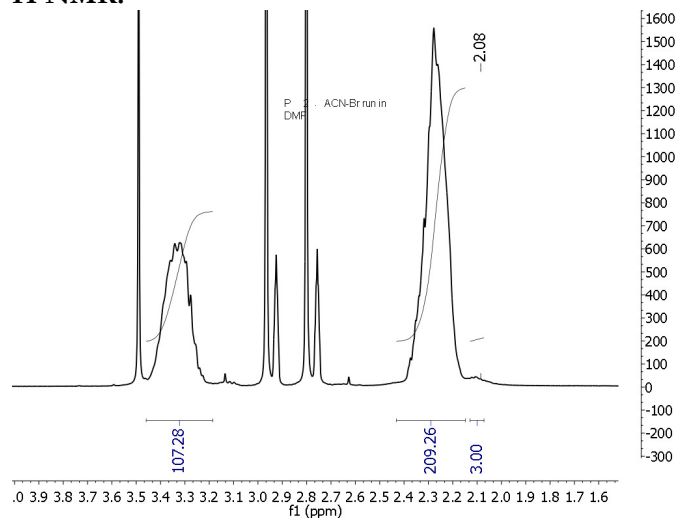
Synthesis Procedure:

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

Solubility:

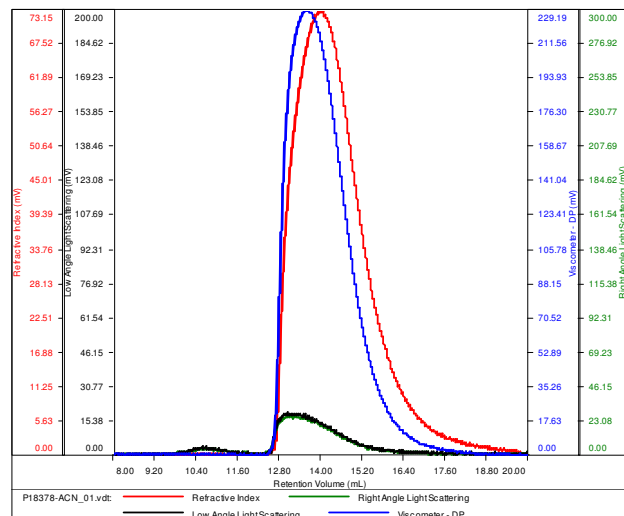
Polymer is soluble in DMF

H NMR:



SEC profile of the polymer carried out in DMF
SAMPLE ID: P18378-ACN

Conc (mg/mL)	6.3934
dn/dc (mL/g)	0.0785
Method	PS80K-17SEP2014-0000.vcm
Solvent	DMF w 0.03M LiBr
Column	PSS



Sample	M_n	M_w	M_p	M_w/M_n	IV
P18378-ACN_01.vdt	88,213	116,350	97,792	1.319	0.7849