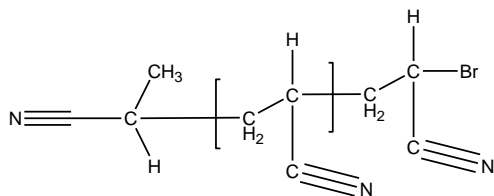


Sample Name: Poly (Acrylonitrile)

Sample #: P41177-AN

Structure:



Composition:

Mn × 10 ³	Mw/Mn (PDI)
14.0	1.08
Color of the polymer	Dark brown

Synthesis Procedure:

Polymer was synthesized by controlled radical process using 2-bromopropionitrile as initiator.

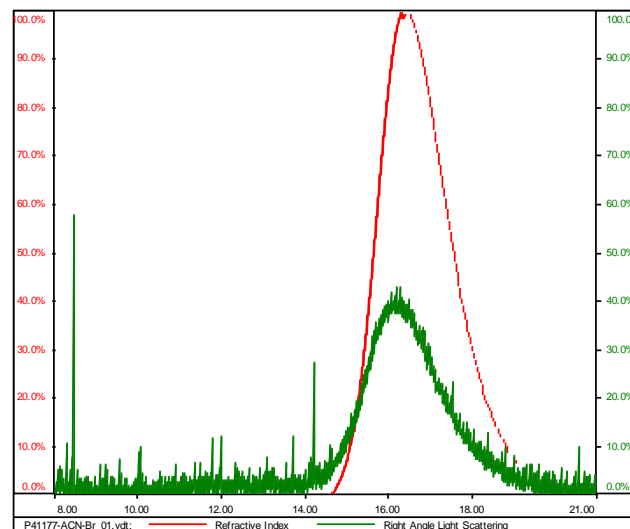
Solubility:

Polymer is soluble in DMF.

SEC elugram of the polymer:

P41177-ACNBr

Conc	2.1568
dn/dc	0.0920
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS99k_2018-05-30-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P41177-ACN-Br_01.vdt	14,001	15,185	14,095	1.085	0.8650