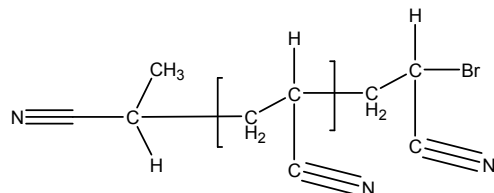


Sample Name:
Bromo end Functionalized Poly (Acrylonitrile)

Sample #: **P16187-ACNBr**

Structure:



Composition:

$M_n \times 10^3$	M_w/M_n (PDI)
9.5	1.55

Synthesis Procedure:

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

Characterization:

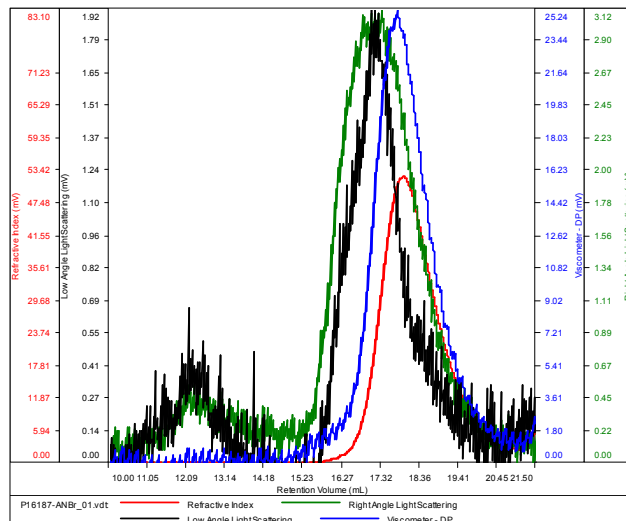
The product was characterized by size exclusion chromatography (SEC).

Solubility:

Polymer is soluble in DMF.

SEC elugram of the polymer:
P16187-ACN-Br

Conc	6.3757
dn/dc	0.0920
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80kMarch2017-0002.vcm



Sample	M_n	M_w	M_p	M_w/M_n	IV
P16187-ANBr_01.vdt	9,315	14,508	9,223	1.557	0.0783