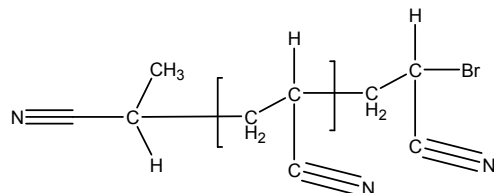


Sample Name: **Bromo end Functionalized Poly (Acrylonitrile)**

Sample #: **P16188-ACNBr**

**Structure:**



**Composition:**

$M_n \times 10^3$	$M_w/M_n$ (PDI)
15.5	1.13

**Synthesis Procedure:**

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

**Characterization:**

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

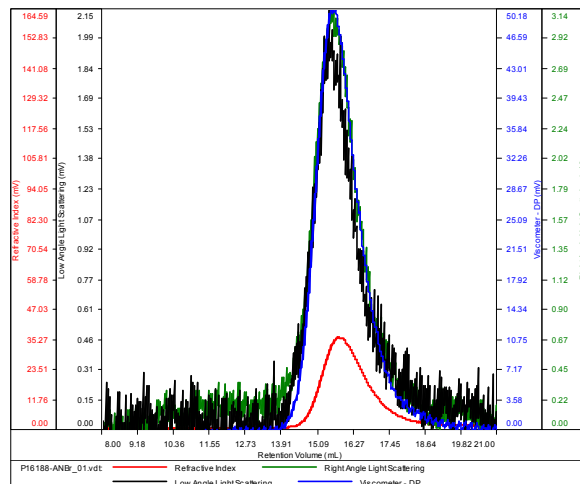
**Solubility:**

Polymer is soluble in DMF.

**SEC elugram of the polymer:**

**P16188-ACN-Br**

Conc	4.2533
dn/dc	0.0920
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k-March2017-0002.vcm



Sample	$M_n$	$M_w$	$M_p$	$M_w/M_n$	IV
P16188-ANBr_01.vdt	15,774	17,915	16,855	1.136	0.2192