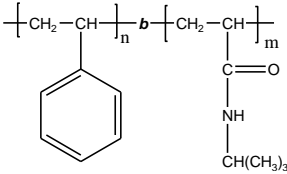


Sample Name: Poly (styrene-b-N-isopropyl acrylamide)

Sample #: P41100A-SNIPAM

Structure:



Composition:

Mn x 10 ³ S-b-NIPAM	Mw/Mn (PDI)
21.0-b-12.0	1.2**
For PS block:	T _g : 105°C
For SNIPAM block	T _g : Not distinct
* composition by HNMR	** Disribution by SEC

Synthesis Procedure:

Poly (styrene-b-N-isopropyl acrylamide) is prepared by RAFT Process.

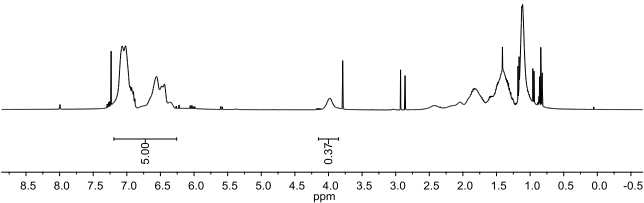
Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

H-NMR spectrum of the Polymer:

PROTON_01

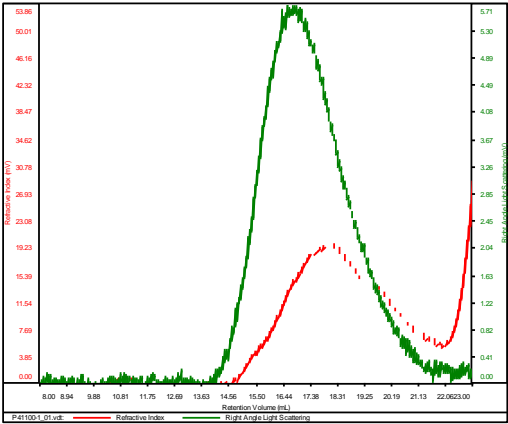
P41100A-SNIPAM



SEC elugram of the S block:

P41100-1

Conc	1.7942
dn/dc	0.1650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS-80K_2018-04-02-0000.vcm

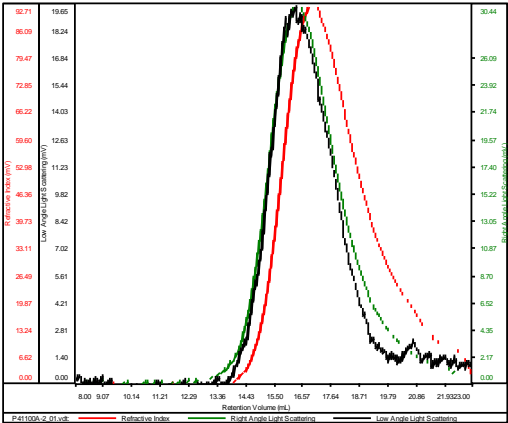


Sample	Mn	Mw	Mp	Mw/Mn	IV
P41100-1_01.vcl	20,823	32,354	23,084	1.554	0.6964

SEC elugram of the Sample:

P41100A-SNIPAM

Conc	8.7329
dn/dc	0.1480
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS-80K_2018-04-02-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P41100A-2_01.vcl	32,694	39,850	39,499	1.219	0.2400