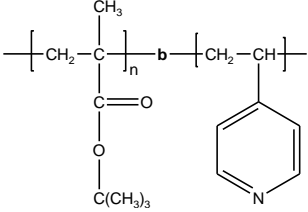


Sample Name: Poly(t-butyl methacrylate-b-4-vinyl pyridine)

Sample #: P41141-tBuMA4VP

Structure:



Composition:

Mn × 10 ³ tBuMA-4VP	PDI
72.0-b-86.0	1.3
T _g for tBuMA block	127 °C
T _g for 4VP block	152 °C

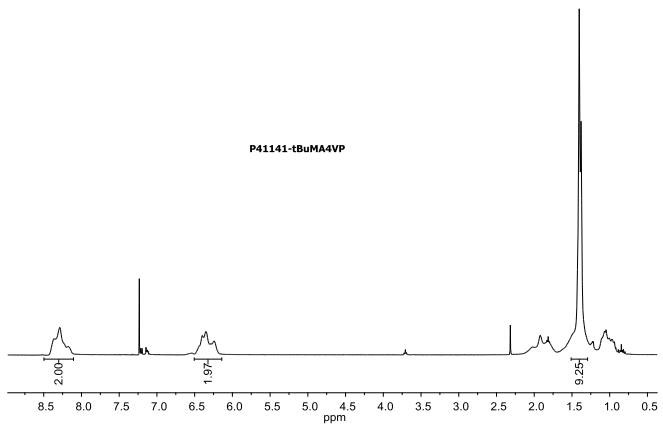
Synthesis Procedure:

Poly(t-butyl methacrylate-b-4-vinyl pyridine) is synthesized by anionic polymerization process.

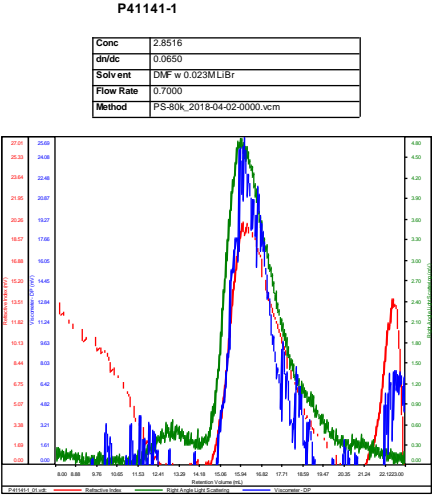
Characterization:

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

¹H-NMR Spectrum of the block copolymer:

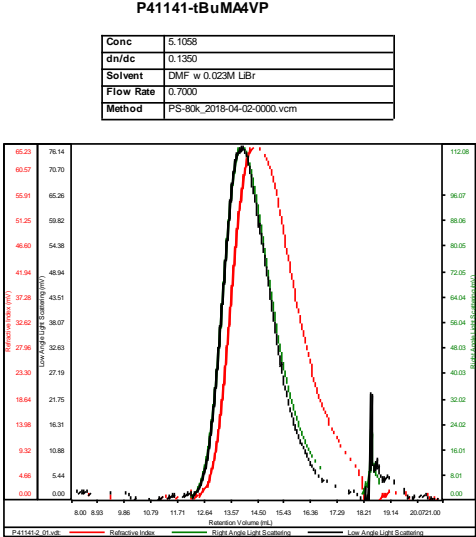


SEC elugram of the tBuMA block:



Sample	Mn	Mw	Mp	Mw/Mn	IV
P41141-1_01.vdt	72.247	76.393	72.355	1.057	0.1930

SEC elugram of the polymer:



Sample	Mn	Mw	Mp	Mw/Mn	IV
P41141-2_01.vdt	158,210	206,664	237,130	1.306	0.5969

Thermogram for the polymer:

