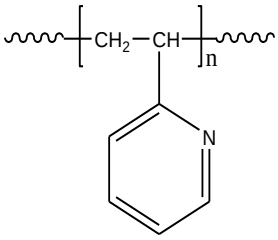
Sample Name: **Poly (2-vinyl pyridine)**

Sample #: **P44452-2VP**

Structure:



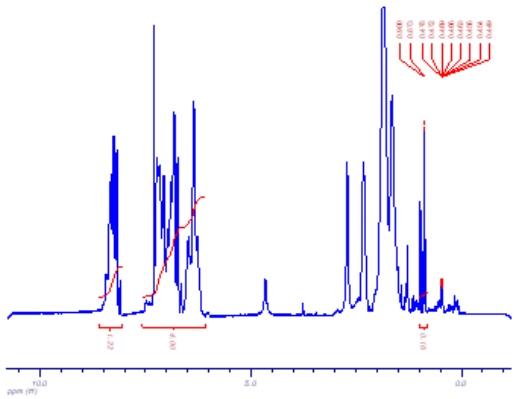
Composition:

Mn x 10^3	PDI
36.0	1.04
Tg (°C): 82.3	

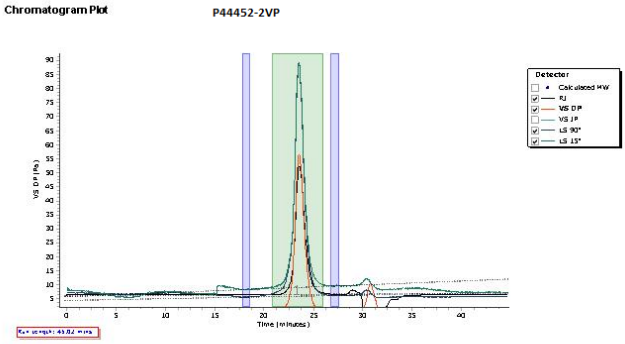
Synthesis Procedure:
The polymer was synthesized by anionic polymerization process.

Characterization:
The product was characterized by size exclusion chromatography (SEC) and ^{1}HNMR.

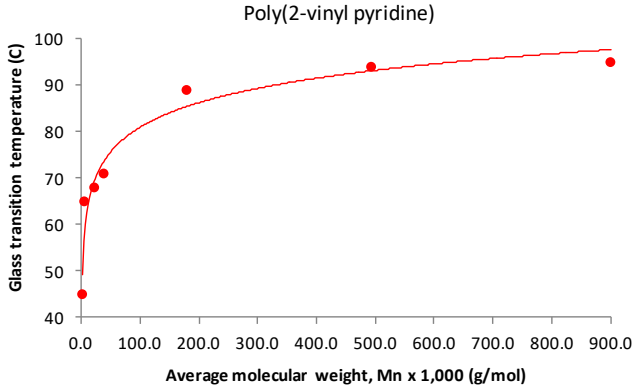
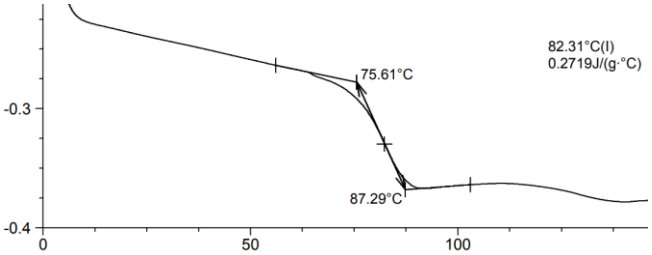
HNMR spectrum of the Polymer:



SEC elugram of the polymer:



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	38358	35794	37303	38792	40352	38598	1.042

Relationship between Tg and Mn of P2VP: