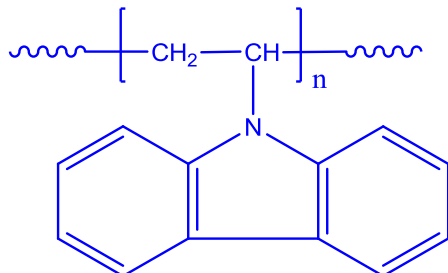


Sample Name:
Poly(N-vinyl carbazole)

Sample #: **P6544-VK**

Structure:

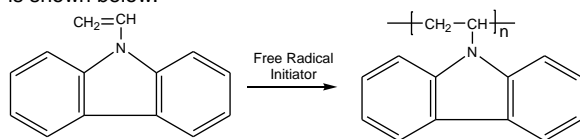


Composition:

$M_n \times 10^3$	PDI
700.0	1.80

Synthesis Procedure:

Poly(N-vinyl carbazole) is obtained by free radical polymerization of N-vinyl carbazole and the reaction scheme is shown below.



Characterization:

The molecular weight and polydispersity index (PDI) of Poly(N-vinyl carbazole) are obtained by size exclusion chromatography with light scattering detector on-line.

Solubility:

Poly(N-vinyl carbazole) is soluble in DMF, THF, toluene and $CHCl_3$. It precipitates from methanol, ethanol, water and hexanes.

SEC of Homopolymer:

