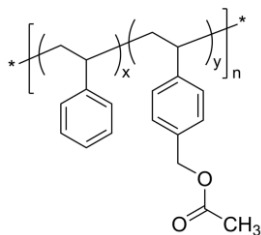


**Poly(styrene-co-4-vinylbenzyl acetate),
random**

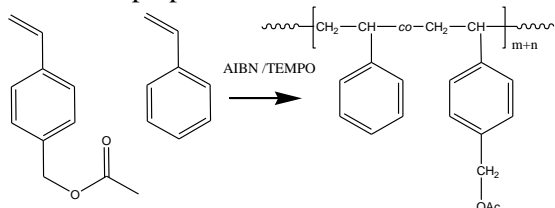
Structure:



Mn x 10 ³	Mw/Mn (Total)
13.0	1.17

Synthesis Procedure:

The following reaction scheme shows how the product was prepared:



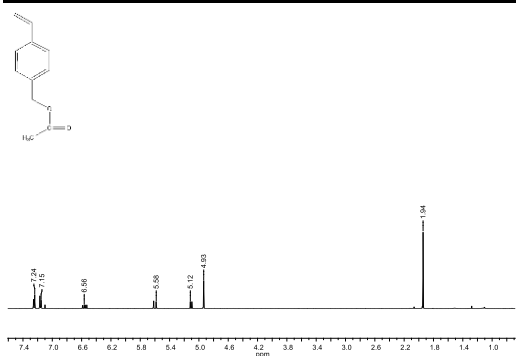
Characterization:

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

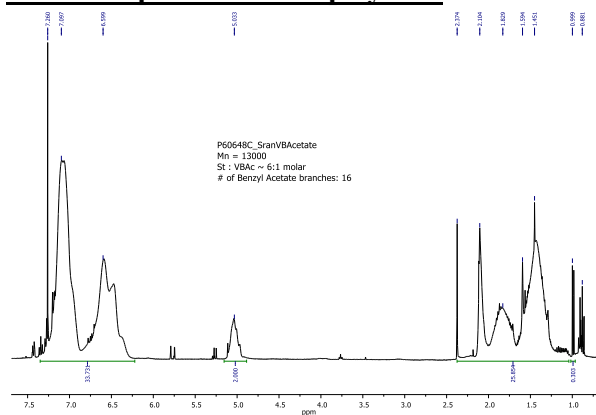
Solubility:

The polymer is soluble in THF, and DMF.

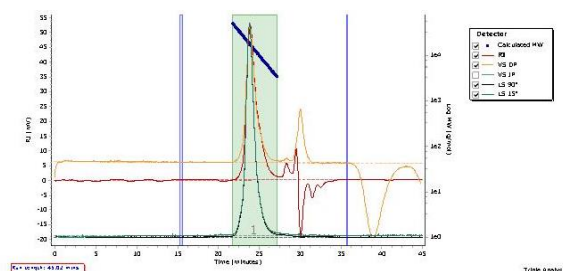
¹H NMR spectrum of 4-vinyl Benzyl acetate:



¹H-NMR spectrum of the polymer:



SEC elugram of the Polymer:



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	17274	13044	15260	17199	18936	16835	1.12