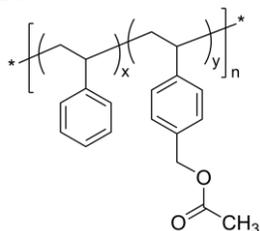


Sample Name:

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

Sample #: P60648A-S4VBACran

Structure:



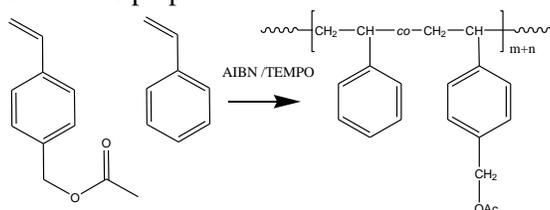
Composition:

Mn x 10 ³	Mw/Mn (Total)
16.8	1.12

Of Branches of benzyl acetate: 21

Synthesis Procedure:

The following reaction scheme shows how the product was prepared:



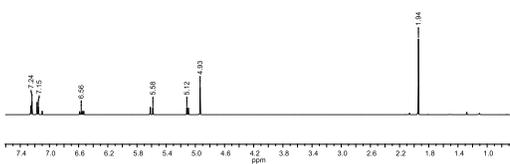
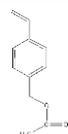
Characterization:

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

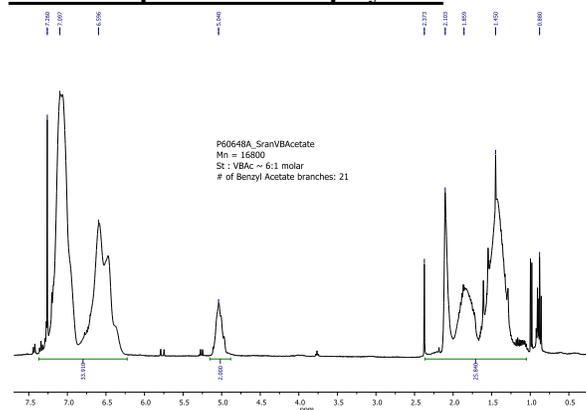
Solubility:

The polymer is soluble in THF, and DMF.

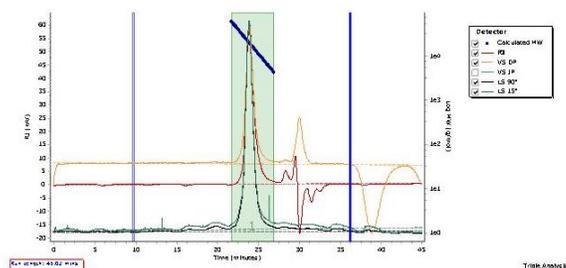
¹H NMR spectrum of 4-vinyl Benzyl acetate:



¹H-NMR spectrum of the polymer:



SEC elugram of the Polymer:



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mn (g/mol)	PD
Peak 1	19758	16771	18737	20389	21876	20032	1.117