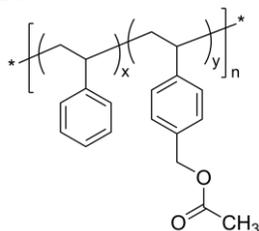


Sample Name:

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

Sample #: P60648B-S4VBACran

Structure:



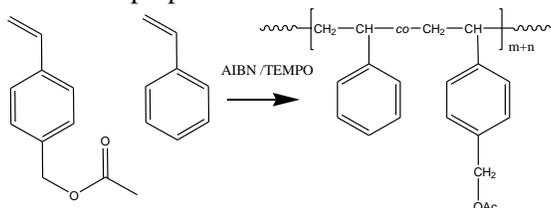
Composition:

Mn x 10 ³	Mw/Mn (Total)
15.0	1.14

Of Branches of benzyl acetate: 19

Synthesis Procedure:

The following reaction scheme shows how the product was prepared:



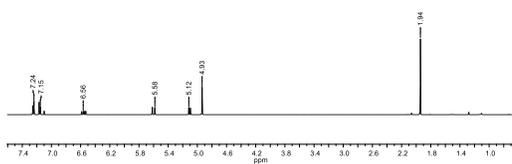
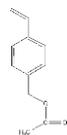
Characterization:

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

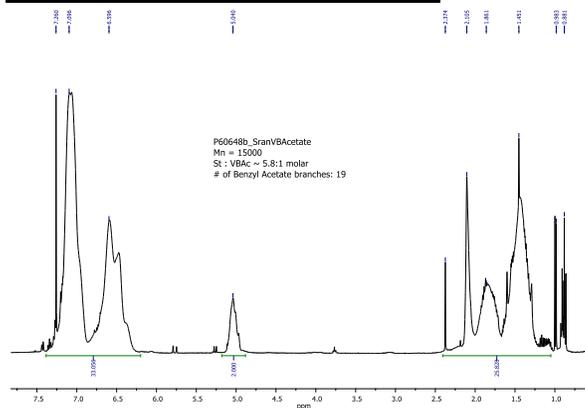
Solubility:

The polymer is soluble in THF, and DMF.

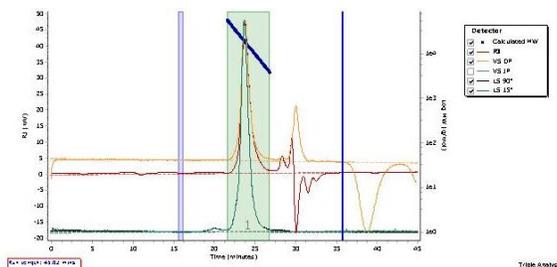
¹H NMR spectrum of 4-vinyl Benzyl acetate:



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)	Mw (g/mol)	PI
Peak 1	18474	15055	17225	19092	20898	18708	1.144