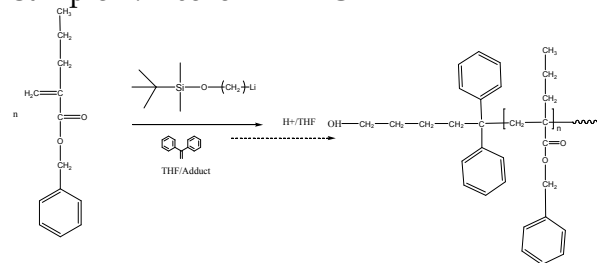


Sample Name:

Hydroxy Terminated Poly Benzyl propyl acrylate

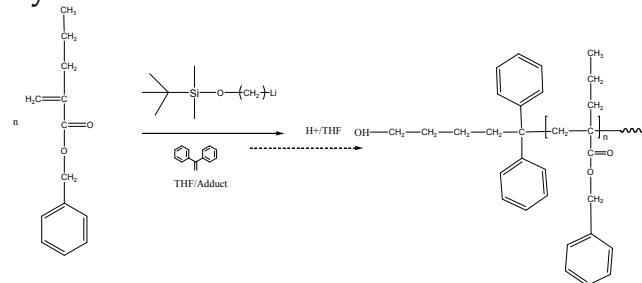
Sample #: P6828-BzPrAOH



Composition:

Mn x 10 ³	PDI
5.0	1.20
T _g (°C)	66

Synthesis Procedure:



Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

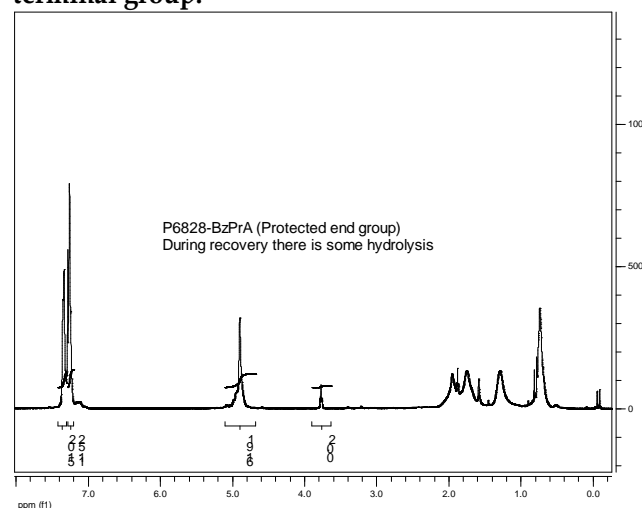
Thermal Analysis:

Thermal analysis of the samples was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of 10°C/min. The inflection glass transition temperature (T_g) of the sample has been considered.

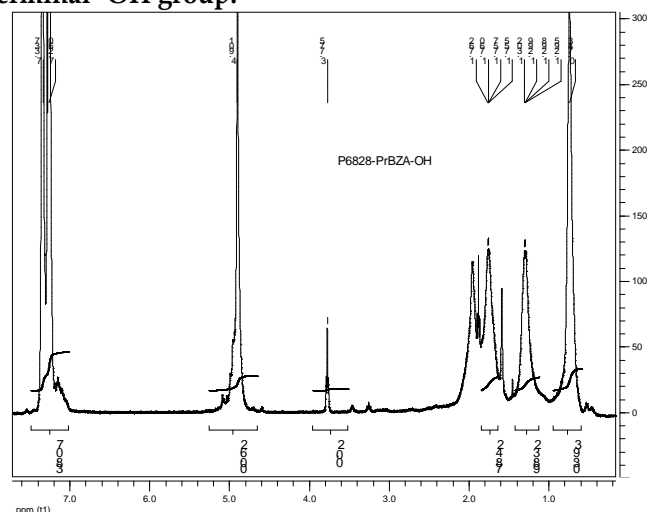
Solubility:

Polymer is soluble in THF and CHCl₃.

¹H NMR of the product before deprotection of terminal OH group:

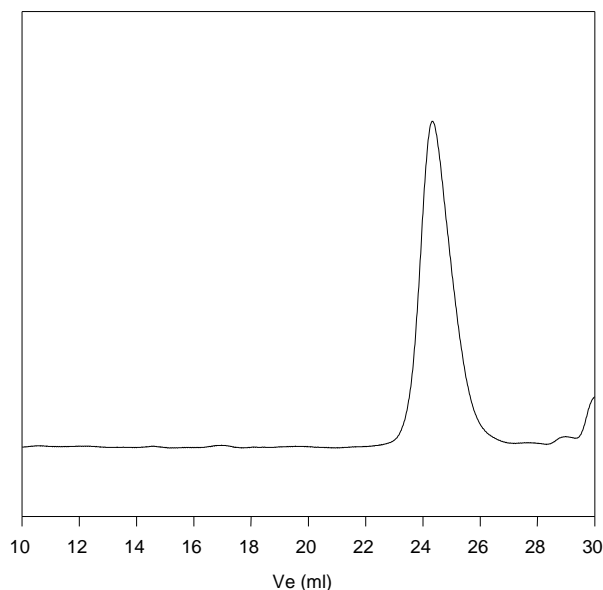


¹H NMR of the Product after deprotection of terminal OH group:



SEC profile of the Product:

P6828-BzPrAOH



Size Exclusion Chromatography of the polymer:
M_n=5000, M_w=6300, PI=1.25 functionality > 99%

Thermogram for the polymer:

