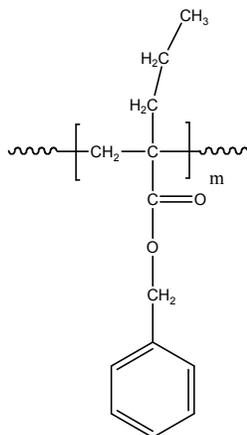


Sample Name: Poly(Benzyl α -propyl acrylate)

Sample #: P9546- BzPrA

Structure:



Composition:

$M_n \times 10^3$	PDI
30	1.15
T_g ($^{\circ}C$)	66

Characterization:

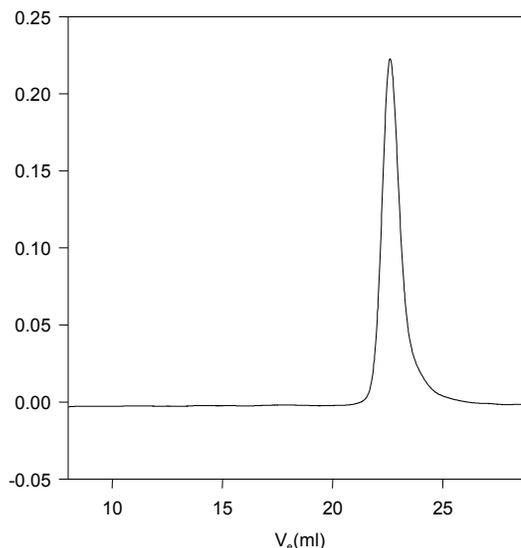
The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography. Thermal analysis of the sample was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of 10 $^{\circ}C$ /min. The inflection glass transition temperature (T_g) has been considered.

Solubility:

Poly(Benzyl α -propyl acrylate) is soluble in THF, CHCl₃ and toluene, and can be precipitated from cold ethanol and methanol.

SEC of sample:

P9546-BzPrA



Size exclusion chromatography of Poly(alpha-propyl Benzyl acrylate)
 $M_n = 30,000$; $M_w = 34,500$; $PI = 1.15$

DSC Thermogram for the polymer

