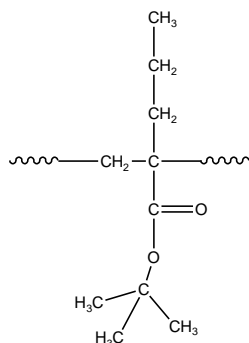


Sample Name: Poly(tert.butyl α -propyl
acrylate)
Sample #: P5857-PrtBuA

SEC of sample:

P5857-tBuPrA

Structure:



Composition:

$M_n \times 10^3$	PDI
45.0	1.15
T_g ($^{\circ}\text{C}$)	99

Characterization:

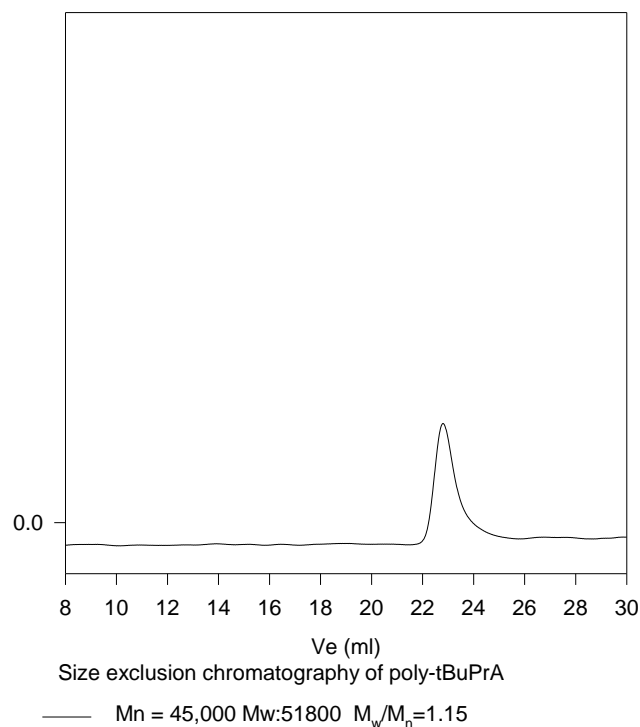
The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography.

Thermal analysis:

Thermal analysis of the sample was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of $10^{\circ}\text{C}/\text{min}$. The inflection glass transition temperature (T_g) has been considered.

Solubility:

Poly(tert.butyl α -propyl acrylate) is soluble in THF, CHCl_3 and toluene, and can be precipitated from cold ethanol and methanol.



DSC thermogram for the polymer:

