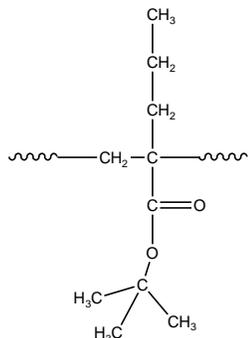


Sample Name: Oligomer of Poly(tert.butyl α -propyl acrylate)
Sample #: P9546-PrtBuA

Structure:



Composition:

Mn $\times 10^3$	PDI
30	1.15
T _g (°C)	66

Characterization:

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

Thermal analysis:

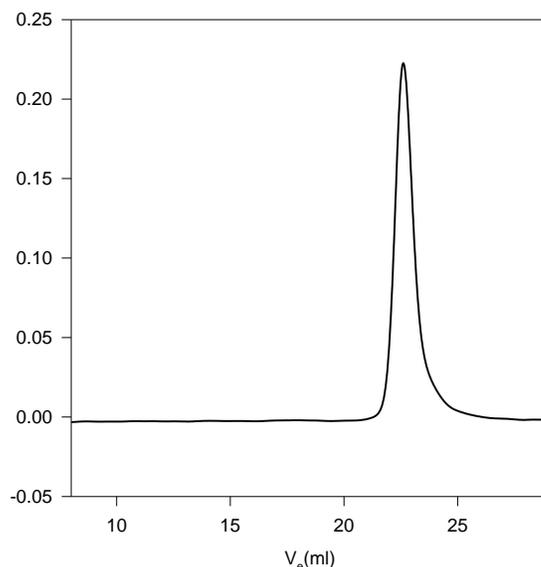
Thermal analysis of the sample was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of 10°C/min. The inflection glass transition temperature (T_g) has been considered.

Solubility:

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

SEC of sample:

P9546-PrtBuA



Size exclusion chromatography of Poly(alpha-propyl ethyl acrylate)
Mn = 30,000; Mw = 34500; PI = 1.15

DSC thermogram for the polymer:

