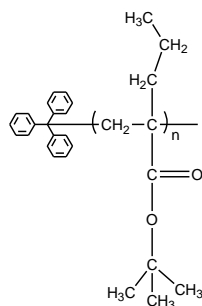


Sample Name: Poly (α -propyl acrylate tert.butyl)

Sample #: P40779-PrtBuA

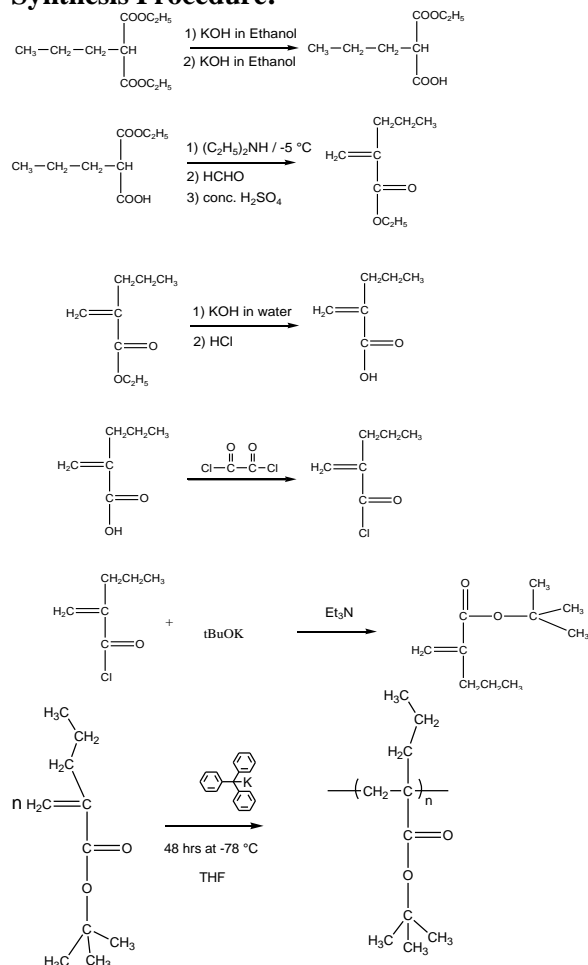
Structure:



Composition:

$M_n \times 10^3$	PDI
4.0	1.15
Glass transition(T_g):	65 °C

Synthesis Procedure:



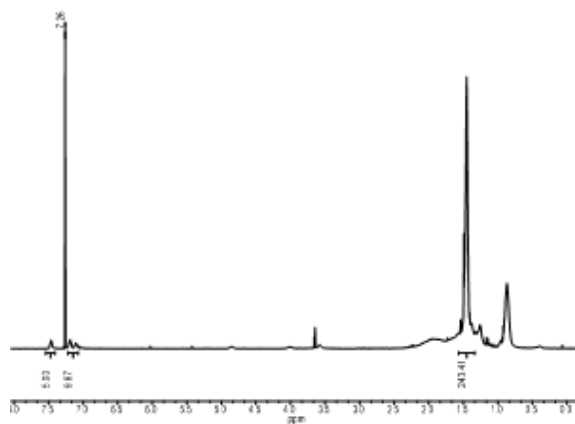
Characterization:

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

Thermal analysis:

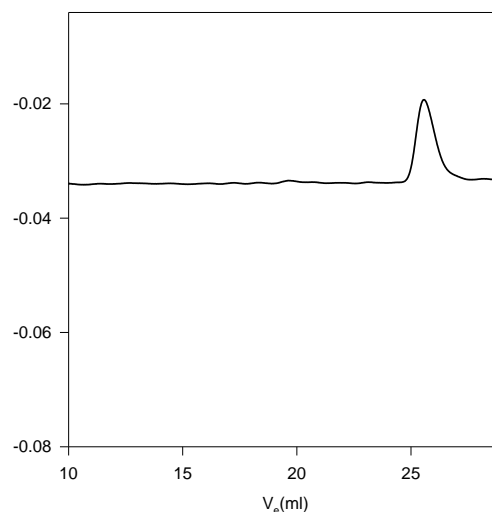
Thermal analysis was performed on TA Instruments Q100 differential scanning calorimeter (DSC) under a nitrogen atmosphere. The glass transition temperature (T_g) of the polymer was measured at a scan rate of 10°C/min shortly after creating thermal history of the sample.

^1H NMR spectrum of the Sample:



SEC elugram of the Sample:

P40779-tBu PrA



Size exclusion chromatography of Poly(alpha-propyl tert.butyl acrylate)

$M_n = 4,000$; $M_w = 4,500$; $PI = 1.15$

DSC thermogram (2nd heating scan, 10°C/min):

Sample: P40779-PrtBuA
Size: 6.0000 mg

File: P40779_PrtBuA.001

