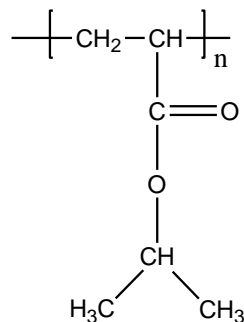


Sample Name: Poly(isopropyl acrylate)

Sample #: P19231-IPrA

Structure:



Composition:

$M_n \times 10^3$	PDI
4.0	1.3

Synthesis Procedure:

Poly(isopropyl acrylate) is obtained by GTP polymerization process.

Characterization:

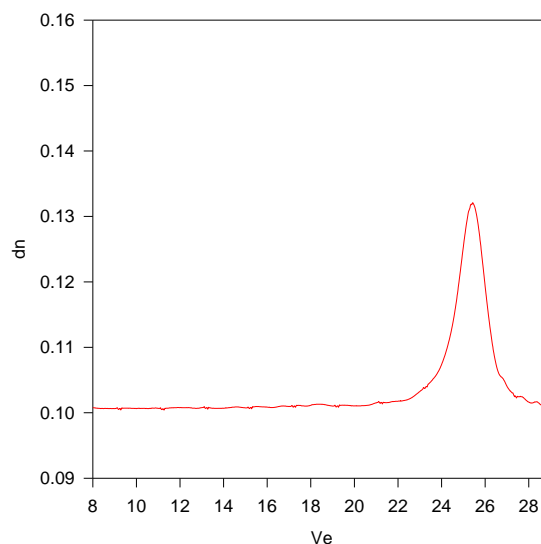
The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography (SEC) in THF. SEC analysis was performed on a Varian liquid chromatograph equipped with refractive and UV light scattering detectors. Three SEC columns from Supelco (G6000-4000-2000 HXL) were used with triple detectors from Viscotek Co.

Solubility:

Polymer is soluble in THF, hexanes (low MW), toluene and $CHCl_3$. This polymer precipitates from ethanol and methanol containing 10-15% water.

SEC of Sample:

P19231-iPrA



Size Exclusion Chromatography :

$M_n=4,000$, $M_w=5,500$, $PI=1.3$

