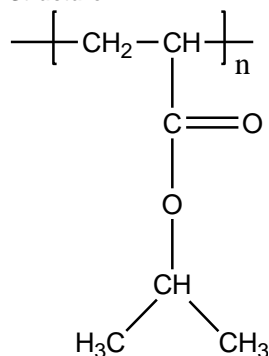


**Sample Name:**  
**Poly(isopropyl acrylate)**

**SEC of Sample:**

**Sample #:** P9156-IPrA

**Structure:**



**Composition:**

$M_n \times 10^{-3}$	PDI
14.0	1.8

**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  $\text{CHCl}_3$ . This polymer precipitates from ethanol and methanol containing 10-15% water.

**P9156-IPrA**

