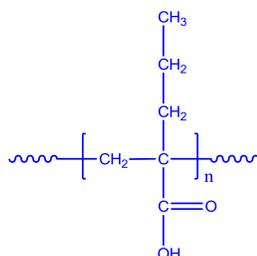


Sample Name: Poly( $\alpha$ -propyl acrylic acid)

Sample #: P6821- PrAA

**Structure:**



**Composition:**

$M_n \times 10^3$	PDI
3.8	1.10
$T_g$ ( $^{\circ}C$ )	

**Characterization:**

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography. Thermal analysis of the sample was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of  $10^{\circ}C/min$ . The inflection glass transition temperature ( $T_g$ ) has been considered.

**Solubility:**

Poly( $\alpha$ -propyl acrylic acid) is soluble in DMF, Methanol and ethanol, and can be precipitated from hexanes.

**SEC of sample:**

