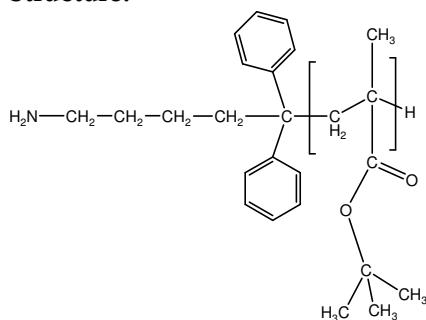


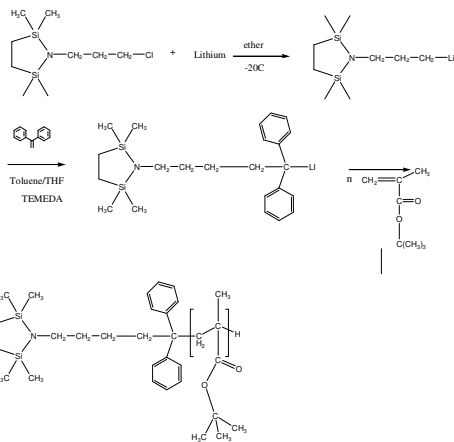
Sample Name:**Amino Terminated Poly(t-butyl methacrylate)****Sample #: P19091-tBuMANH₂****Structure:****Composition:**

Mn x 10 ³	PDI
8.0	1.14
NH ₂ functionality	>98%
T _g for the polymer	121°C

Synthesis Procedure:

Synthesis details of amino terminated poly(t-butyl methacrylate) is available in the following publication:

Varshney, S. K.; Song, Z.; Zhang, Jian-Xin.; Jerome, Robert. *Rapid Communication; J. Polym. Sci. Part A*, 2006, 44, 3400.

**Characterization:**

By SEC and HNMR

Thermal analysis:

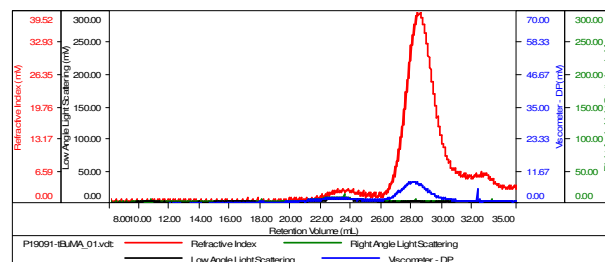
Thermal analysis of the samples was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of 10°C/min. The inflection glass transition temperature (T_g) has been considered.

Solubility:

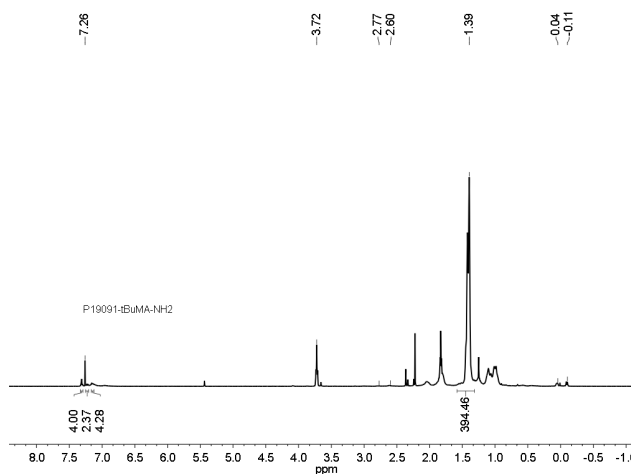
The polymer is soluble in CHCl₃, THF and dioxane.

SEC of Sample:**Sample ID: P19091-tBuMA-NH₂**

Concentration (mg/mL)	3.0430
Sample dilution (mL/g)	0.0850
Method File	PS80K-Jan22-2015-0003.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
P19091-tBuMA_01.vdt	8,213	9,335	8,173	1.137	0.1129

H NMR:**DSC thermogram for the sample:**