

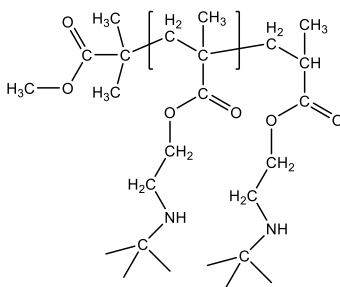
# Product Profile

## Identification

**Product Name:** Poly(2-(tert-Butylamino)ethyl methacrylate

**Sample #:** P44859A-tBuAEMA

**Product Chemical Architecture:**

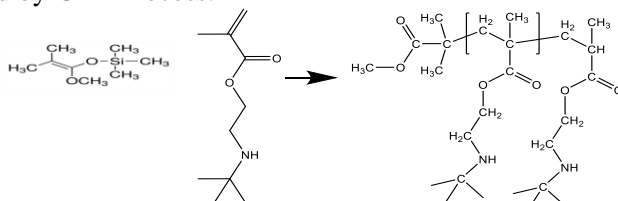


**Composition:**

Mn x 10 <sup>3</sup>	Mw/Mn (PDI)	
1.6	1.4	Dp of ptBuAAEMA <sub>10</sub> : from <sup>1</sup> H NMR

## Method of Synthesis

The polymer is synthesized by GTP Process.



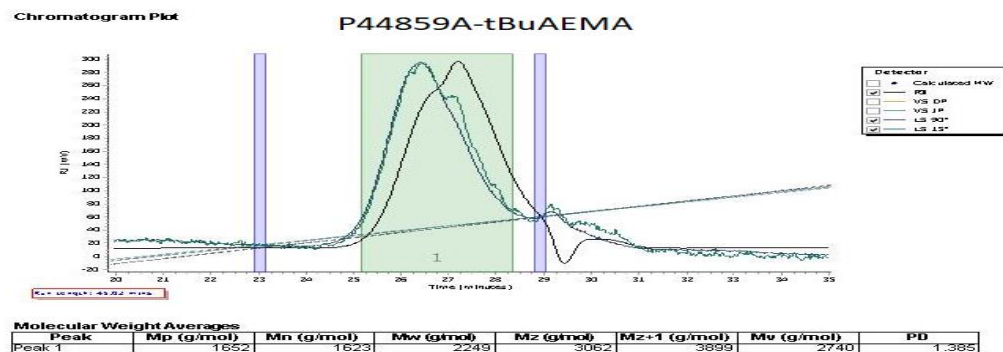
**Solubility in different solvents:**

THF	✓	Ethanol-Hot	✓
Methanol-Hot	✓	CHCl <sub>3</sub>	✓
DMF	✓		

**Purification of Polymer:** to remove traces of un-reacted monomers.

## Validation of Architecture

**A. Gel Permeation Chromatography (GPC);**



### B. NMR (HNMR) of PtBuAEMA

