

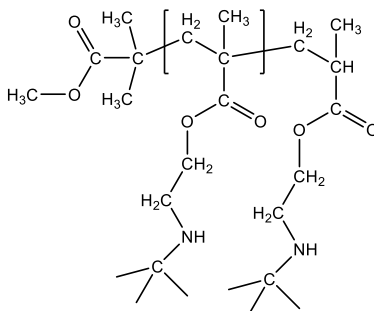
Product Profile

Identification

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

Sample #: P44859-tBuAEMA

Product Chemical Architecture:

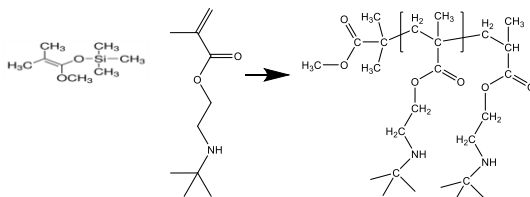


Composition:

Mn x 10 ³	Mw/Mn (PDI)	
2.5	1.26	Dp of ptBuAAEMA ₁₄ : from ¹ H NMR

Method of Synthesis

The polymer is synthesized by GTP Process.



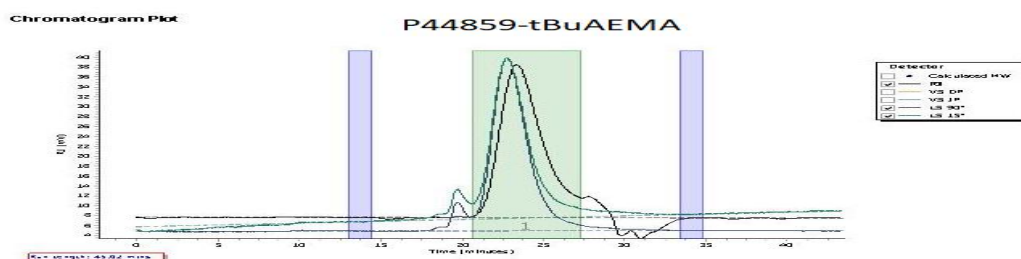
Solubility in different solvents:

THF	✓	Ethanol-Hot	✓
Methanol-Hot	✓	CHCl ₃	✓
DMF	✓		

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

Validation of Architecture

A. Gel Permeation Chromatography (GPC):



B. NMR (HNMR) of PtBuAEMA

