



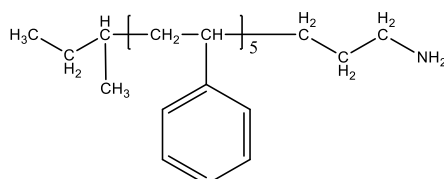
Product Profile

Identification

Product Name: Amino Terminated Polystyrene

Product Lot Number: P44249B-SNH2

Chemical Architecture:

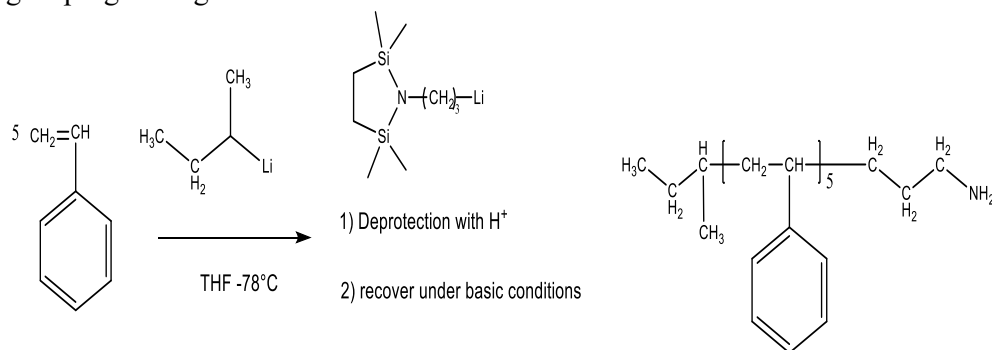


Composition:

Mn (g/mole)	88,000
Mw (g/mole)	142,000
Mw/Mn	1.60
Tg	102 °C

Method of Synthesis

Amino terminated polystyrene was synthesized by anionic living polymerization with different end-grouping strategies. The reaction schemes are shown below:



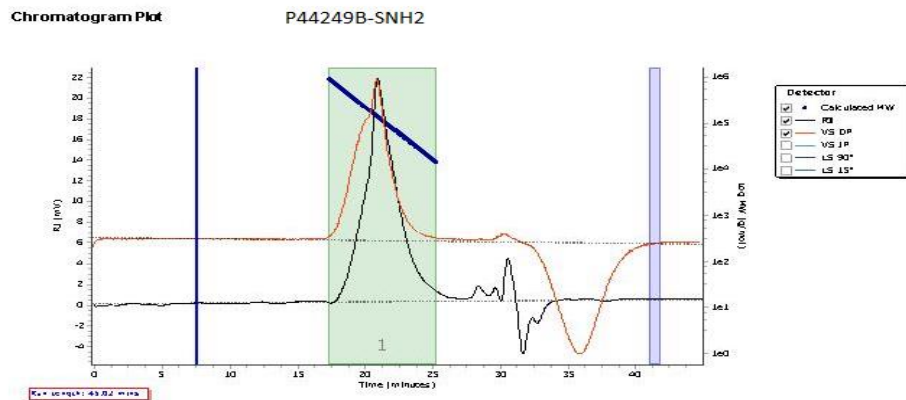
Solubility in different solvents:

THF	√	Methanol	X
CHCl_3	√	Hexane	X
Toluene	√		

Validation of Architecture

A. Gel Permeation Chromatography (GPC), SEC Profile:

The product was characterized by size exclusion chromatography (SEC).



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	137928	87658	141940	209143	284012	198492	1.619