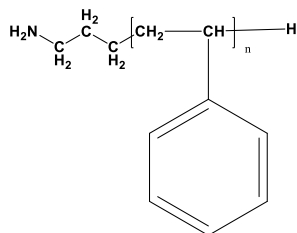


Sample Name:
Amino Terminated Polystyrene

Sample #: **P44249R2-SNH2**

Structure:

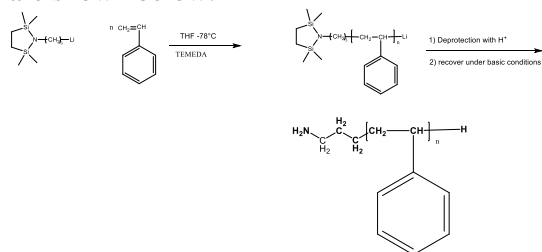


Composition:

$M_n \times 10^3$	PDI
436.0	1.33
T_g (°C): 102	

Synthesis Procedure:

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



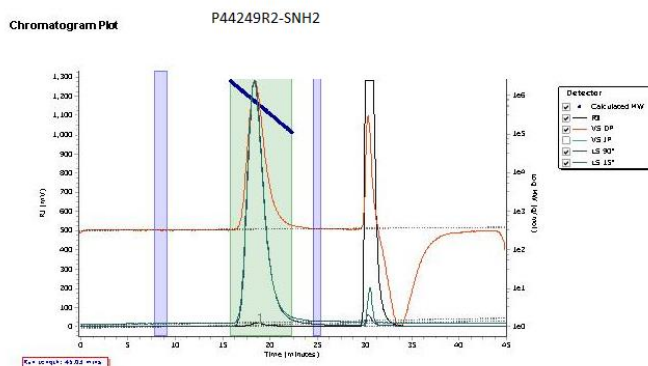
Characterization:

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

Solubility:

Polymer is soluble in THF, CHCl₃ toluene. It precipitated out from methanol and hexane.

SEC elugram of the Sample:



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mw (g/mol)	PDI
Peak 1	629631	435756	569036	687891	788416	676066	1.306