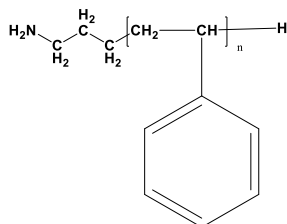


**Sample Name:**  
**Amino Terminated Polystyrene**

**Sample #:** P44249K-SNH2

**Structure:**

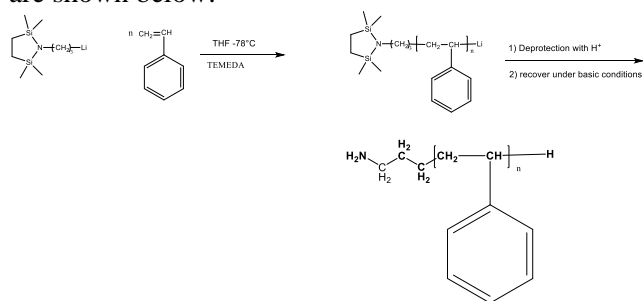


**Composition:**

|                   |     |
|-------------------|-----|
| $M_n \times 10^3$ | PDI |
| 170.0             | 1.6 |
| $T_g$ (°C): 102   |     |

**Synthesis Procedure:**

$\omega$ -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:**

