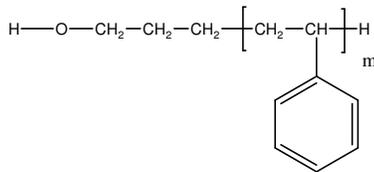


**Sample Name:**  
 $\omega$ -Hydroxy Terminated Polystyrene with triethylene spacer

**Sample #: P19057- SOH**

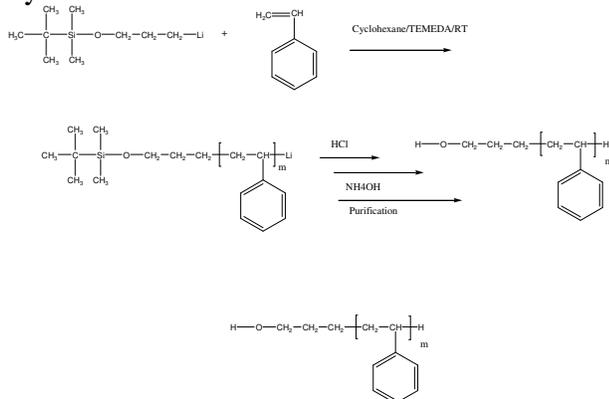
**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
9.0	1.25
T <sub>g</sub> (°C)	92 °C

**Synthesis Procedure:**



**Characterization:**

By SEC analysis HNMR

**Thermal analysis:**

Thermal analysis of the samples was carried out using a differential scanning calorimeter (TA Q100) at a heating rate of 10°C/min. The inflection glass transition temperature (T<sub>g</sub>) has been considered.

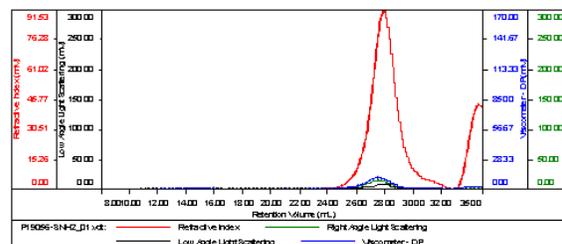
**Solubility:**

Polymer is soluble in toluene, THF, CHCl<sub>3</sub> and can be precipitated in water and cold methanol.

**SEC of Sample:**

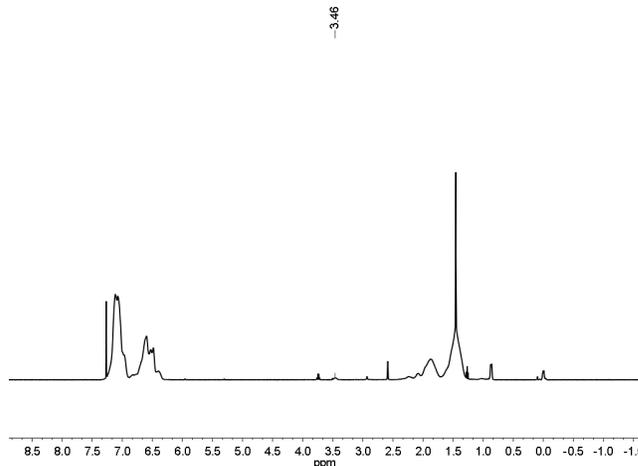
Sample ID: P19057-SCH

Concentration (mg/ml)	2.8680
Sample diluto (nL/g)	0.1850
Method File	PSS01-K-Jan22-2015-0003.vom
Column Set	3x-PL-1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersity	Intrinsic Viscosity (dL/g)
	8,829	11,065	9,744	1.252	0.1751

**H NMR:**



**DSC thermogram for the sample:**

