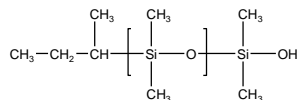
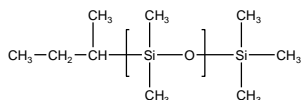


**Sample Name:** Poly(dimethyl siloxane),  
( $\alpha$ -sec-butyl,  $\omega$ -silanol)-terminated

**Sample #:** P44310G-DMS-Silanol

**Structure:**

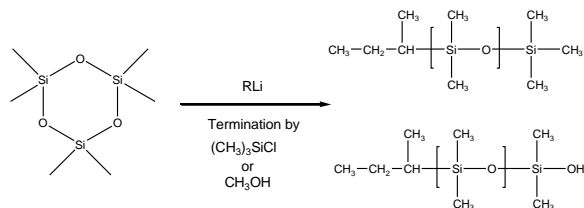


**Composition:**

Mn x 10 <sup>3</sup>	PDI
128.00	1.06

**Synthesis Procedure:**

The polymerization of the cyclic trimer (hexamethyl cyclotrisiloxane-D3) was initiated with a monofunctional lithium based initiator in a polar / non-polar solvent mixture.



**Characterization:**

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography.

**Solubility:**

Polysiloxane is soluble in hexane, toluene, cyclohexane, THF and chloroform but precipitates from methanol and ethanol.

**SEC profile of Homopolymer:**

