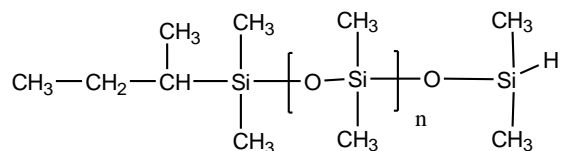


Sample Name:

**ω- Silane end Terminated Polydimethylsiloxane**

Sample #: **P45225-DMSSiH**

**Structure:**



**Composition:**

Mn x 10 <sup>3</sup>	PDI
3.0	1.2
SiH functionality	>99%

**Synthesis Procedure:**

The polymer is prepared by Anionic polymerization process.

**Characterization:**

The molecular weight was calculated from NMR by comparing the sec-BuLi methyl group protons at 0.95ppm and the dimethylsiloxane methyl group at 0.08ppm.

**Solubility:**

The polymer is soluble in hexane, toluene, cyclohexane, THF and chloroform and it precipitates from methanol and ethanol.

**<sup>1</sup>H-NMR spectrum of the product:**

