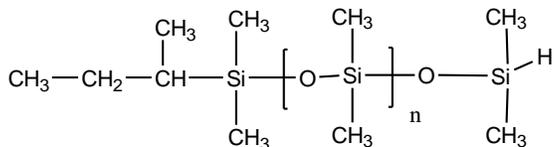


Sample Name:

ω - Silane end Terminated Polydimethylsiloxane

Sample #: P45225-DMSSiH

Structure:



Composition:

$M_n \times 10^3$	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.

$^1\text{H-NMR}$ spectrum of the product:

