

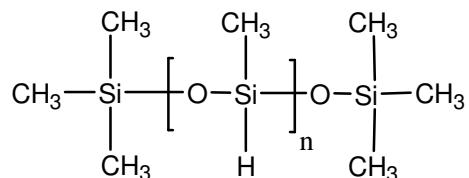
Sample Name: Poly(methyl siloxane)

SEC elugram of Homopolymer:

Sample #: P19714B-MS

P19714B-MS

Structure:



Composition:

Mn x 10 ³	PDI
0.8	1.18

Synthesis Procedure: The polymer was synthesized by condensation polymerization using methyl dichlorosilane and end capping with Trimethyl chlorosilane.

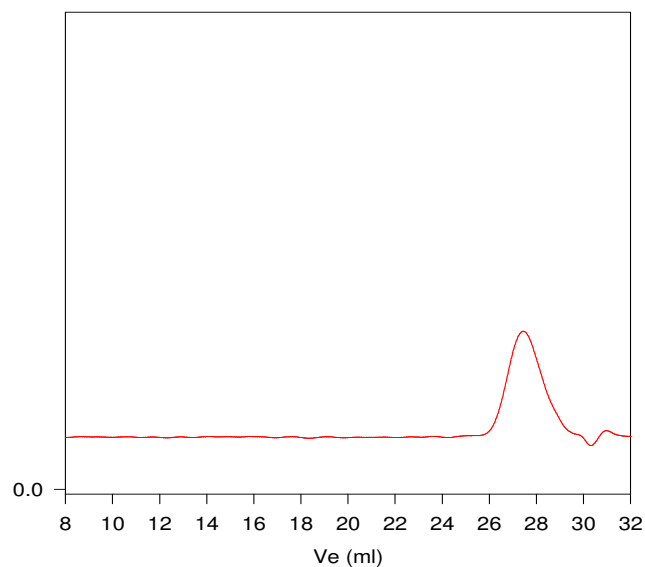
Characterization:

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

Solubility:

Polysiloxane is soluble in hexane, toluene, cyclohexane, THF and chloroform.

¹H NMR spectrum of Homopolymer:



Size Exclusion Chromatography in THF at 35 °C w.r.t PDMS standards.

M_n = 800, M_w = 950, PI = 1.18

