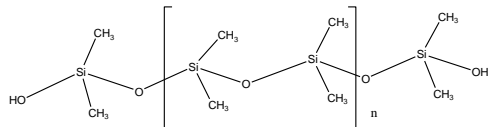


Sample Name: Poly(dimethyl siloxane),
(α -sec-butyl, ω -silanol)-terminated

Sample #: P44346D-DMS-Silanol

Structure:



Composition:

Mn x 10 ³	PDI
5.0	1.6

Synthesis Procedure:

The polymer was synthesized by anionic polymerization process.

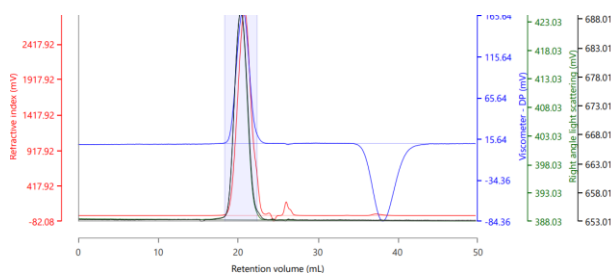
Characterization:

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography in toluene. SEC was calibrated with well characterized poly dimethyl siloxane polymers.

Solubility:

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

SEC elugram of Homopolymer:



Results (Columns)	
P44346D	
Injection 1	
Peak 1	
Mn (g/mol)	4,857
Mw (g/mol)	7,976
Mw/Mn	1.642
Mp (g/mol)	6,455