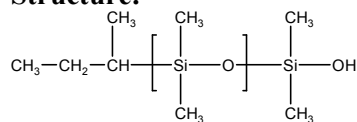


Sample Name: Poly (dimethyl siloxane) (DMS) α - sec.butyl - ω -silanol Terminated
Sample #: P18263-DMSOH (silanol) lot# 40172

Structure:

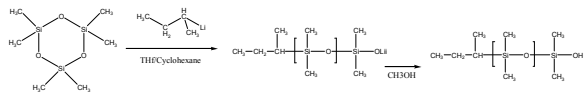


Composition:

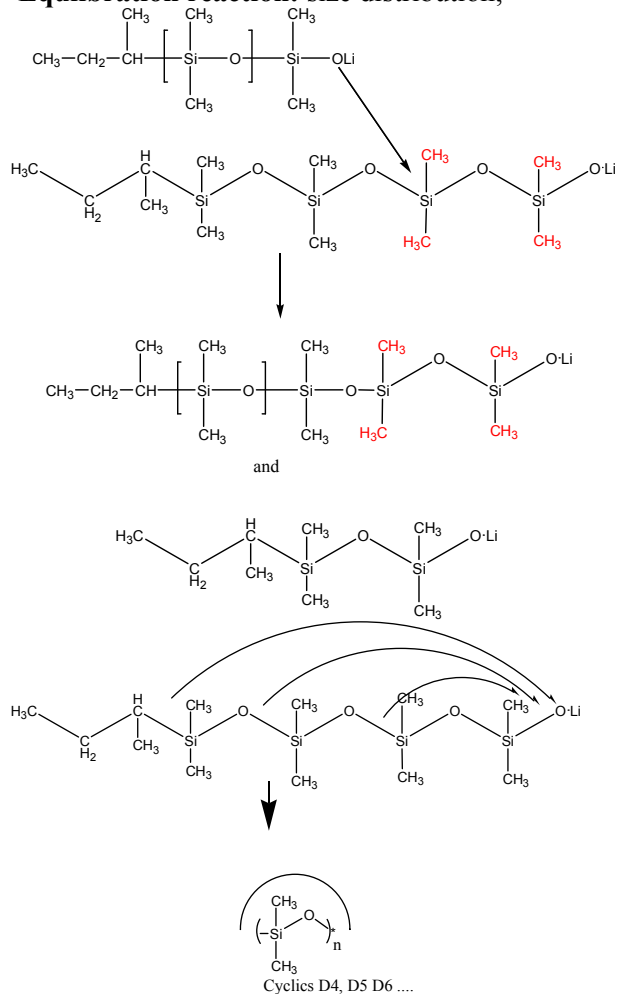
Mn x 10 ³	PDI
3.5	1.20

Synthesis Procedure:

The polymer was synthesized by anionic process:



Equilibration reaction: size distribution;



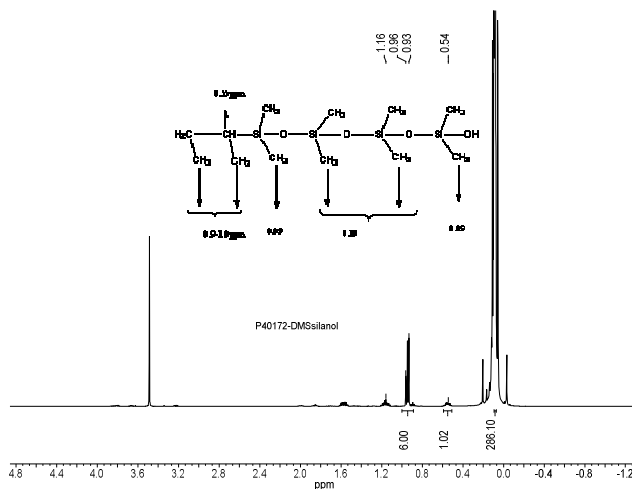
Characterization:

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.

¹H NMR spectrum of the polymer:



SEC elugram of the homopolymer:

