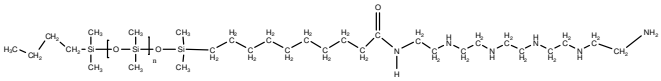
Sample Name:

Pentaethylene hexamine terminated poly dimethylsiloxane,

Sample #: **P18614-DMSC10-PEHA**

Structure:

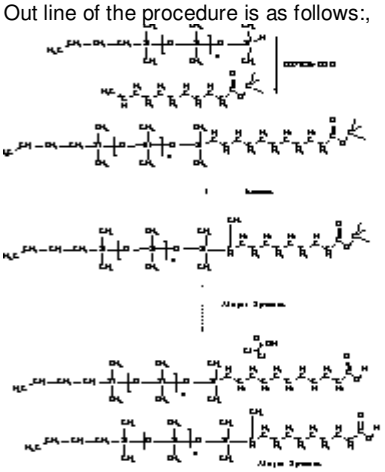


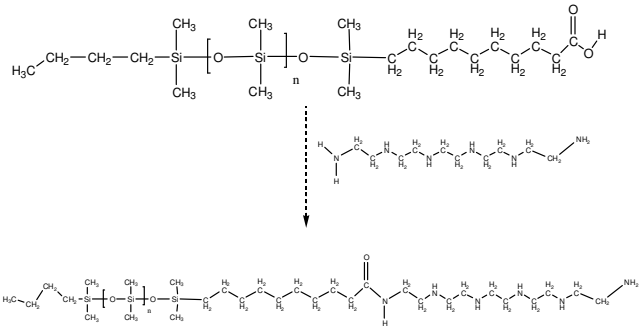
Composition:

Mn x 10^3	PDI
2.8	1.2

Synthesis Procedure:

Out line of the procedure is as follows:,

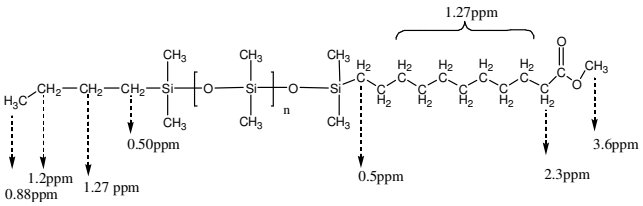


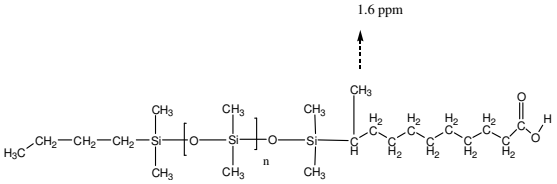


Characterization:

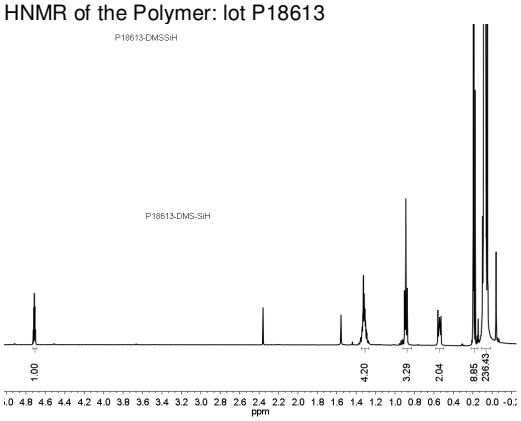
By size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector, and by HNMR.

Solubility: Polymer Soluble in hexane, THF, CHCl3.

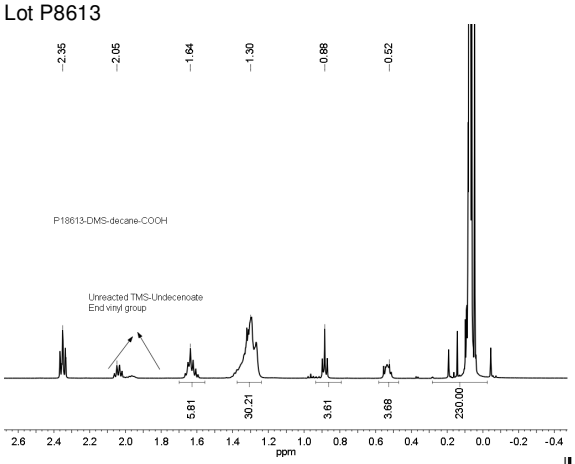


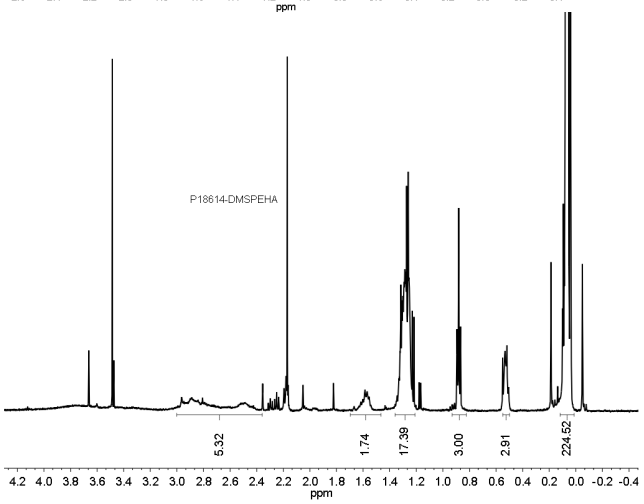


HNMR of the Polymer: lot P18613

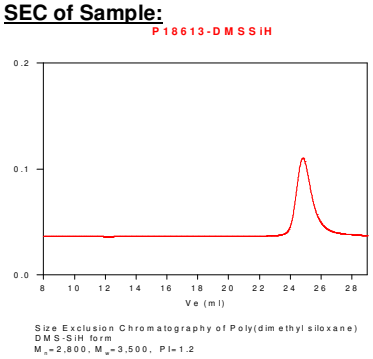


Lot P8613





SEC of Sample:



Reference:

1. J.X. Zhang, S.K. Varshney, "Simple Approach for the Scale-up Production of Block Copolymer of Polydimethylsiloxane with (Meth)acrylic Ester Monomers" Designed Monomers and Polymers, 2002, 1, 79.