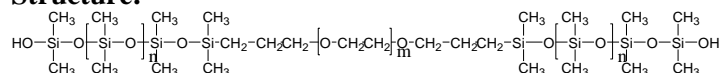


Sample Name: Poly (dimethyl siloxane-b-ethylene oxide-b-dimethyl siloxane)

Sample #: P41030-DMSEODMS

Structure:



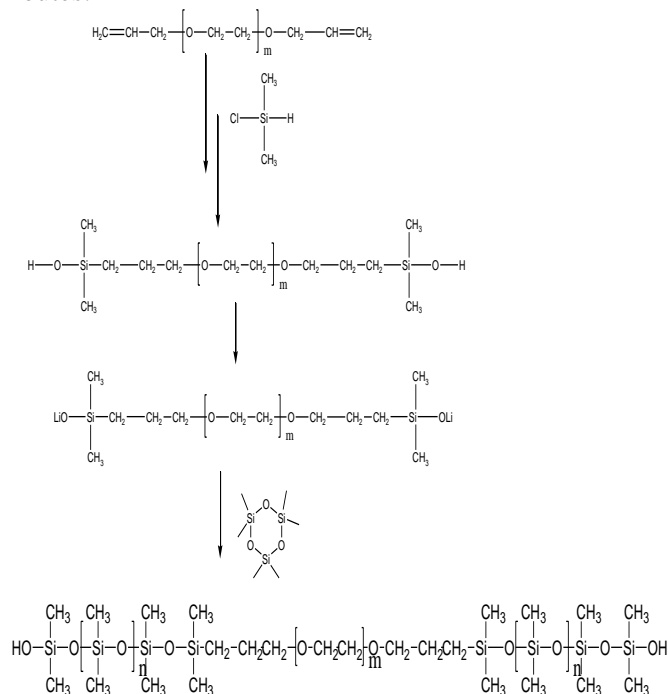
Composition:

Mn x 10 ³ PDMS-b-PEO-b-PDMS	PDI
2.8-b-1.4-b-2.8	1.25

Dp: 38-b-32-b-38 From ¹ H NMR

Synthesis Procedure:

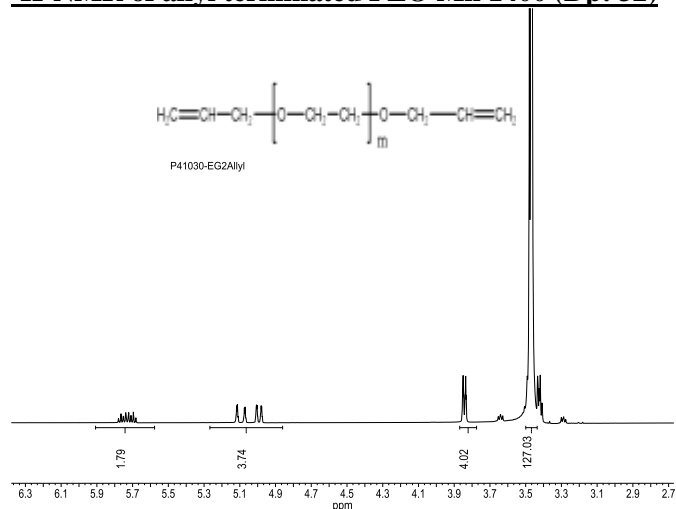
The polymer can be obtained by one of the following routes:



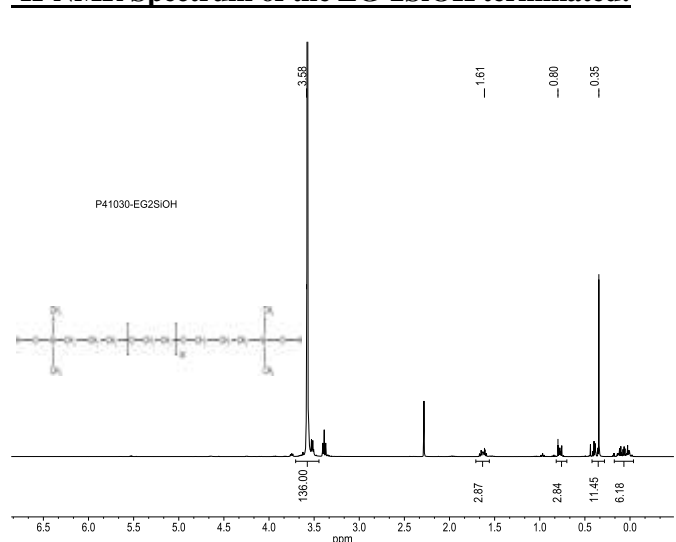
Characterization:

The product was characterized by size exclusion chromatography (SEC), ¹H NMR and FTIR.

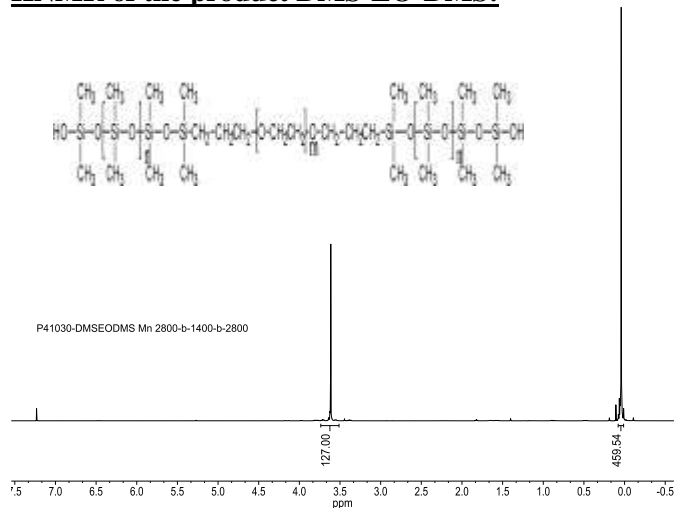
¹H-NMR of allyl terminated PEO Mn 1400 (Dp: 32)



¹H-NMR Spectrum of the EG-2SiOH terminated:

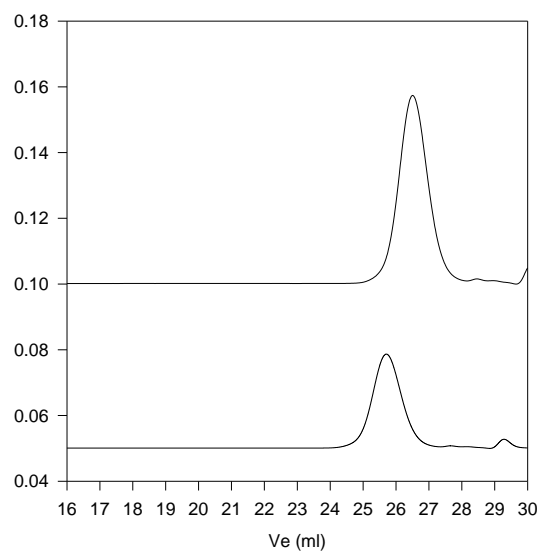


¹H-NMR of the product DMS-EO-DMS:



SEC profile of the polymer:

P41030-DMSEODMS



Size exclusion chromatography of DMSEODMS

PEO block : Mn=1,400, Mw=1,500, PI=1.08

DMSEODMS: 2800-b-1400-b-2800 Mn / Mw: 1.25