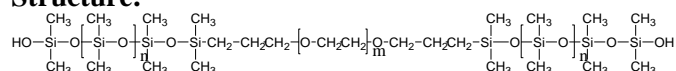


**Sample Name:** Poly (dimethyl siloxane-b-ethylene oxide-b-dimethyl siloxane)

**Sample #:** P41036-DMSEODMS

**Structure:**



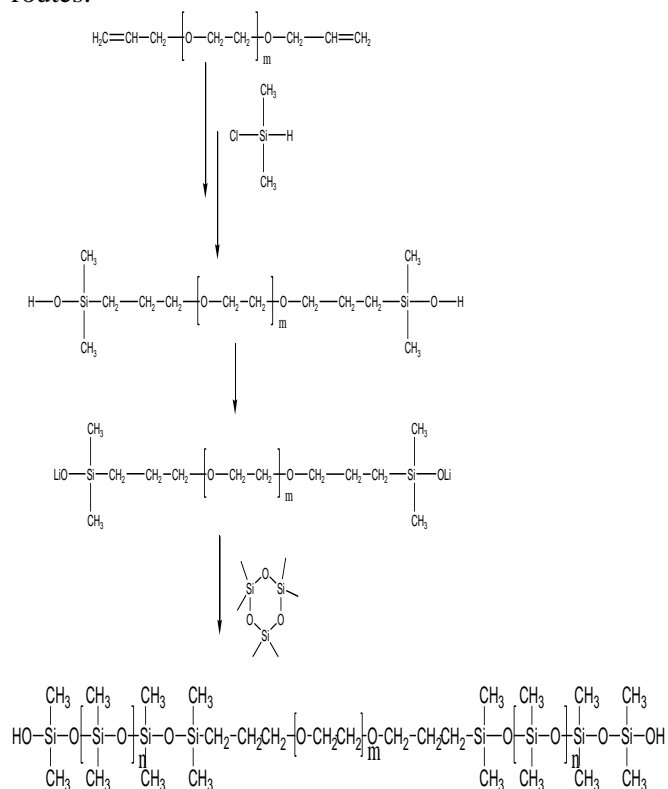
**Composition:**

Mn x 10 <sup>3</sup> PDMS-b-PEO-b-PDMS	PDI
1.8-b-1.4-b-1.8	1.25

Dp: 18-b-32-b-18 From HNMR
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**Synthesis Procedure:**

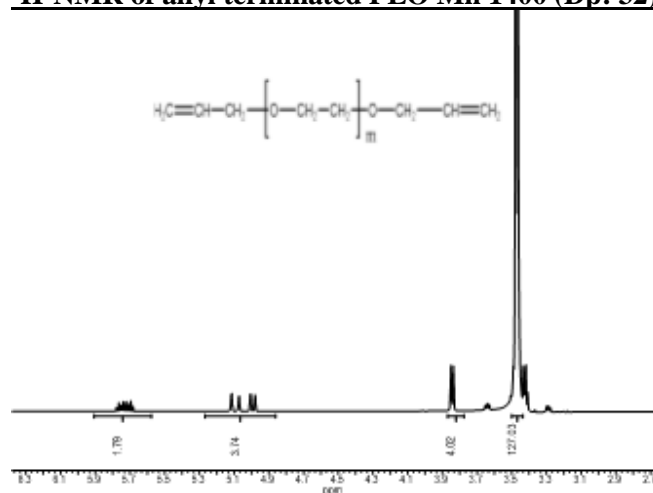
The polymer can be obtained by one of the following routes:



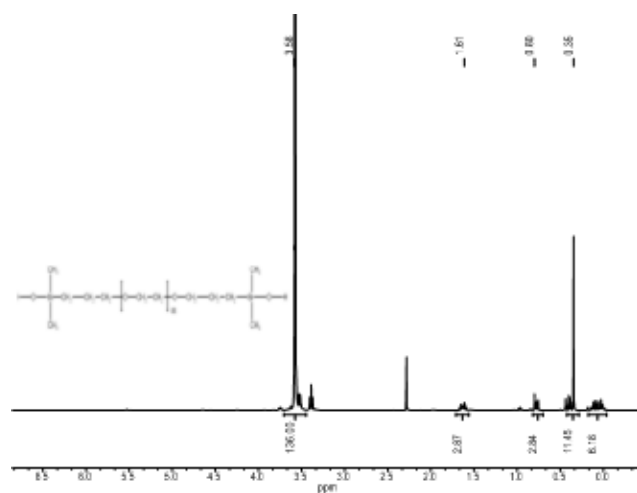
**Characterization:**

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

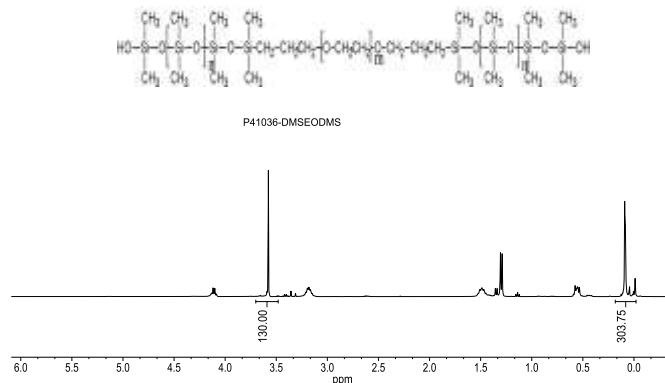
**<sup>1</sup>H-NMR of allyl terminated PEO Mn 1400 (Dp: 32)**



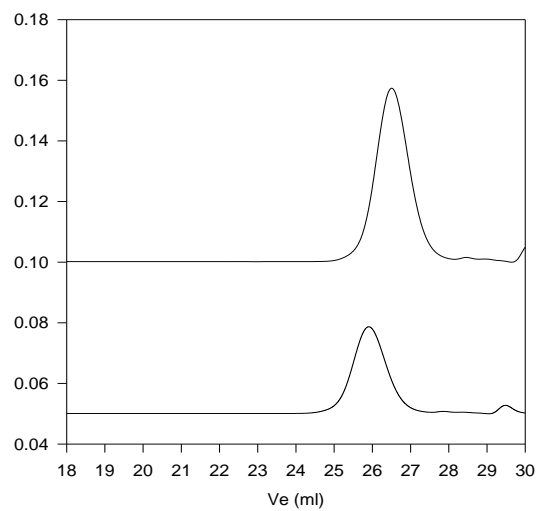
**<sup>1</sup>H-NMR Spectrum of the EG-2SiOH terminated:**



**<sup>1</sup>H-NMR of the product DMS-EO-DMS:**



**SEC profile of the polymer:**



Size exclusion chromatography of DMSEODMS  
PEO block :  $M_n=1,400$ ,  $M_w=1,500$ ,  $PI=1.08$   
DMSEODMS: 1800-b-1400-b-1800  $M_n$  /  $M_w$ : 1.25