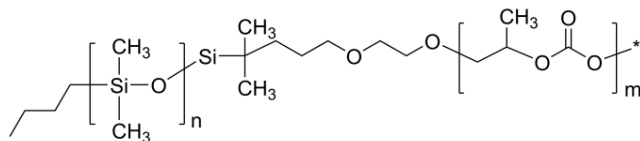


Sample Name:

Poly(dimethylsiloxane)-b-poly(propylene carbonate)

Sample #: **P43082B-DMSPPC**

Structure:

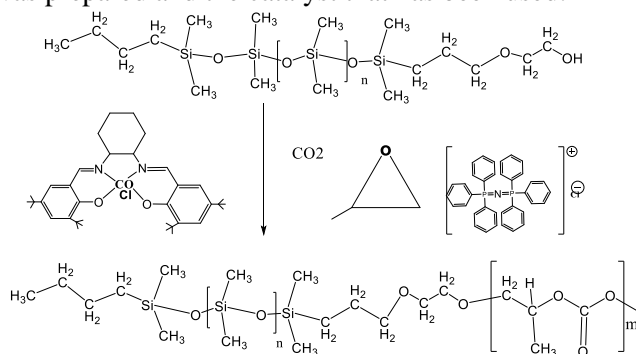


Composition:

Mn x 10 ³	PDI
5.0-b-5.0	1.35

Synthesis Procedure:

The following reaction scheme shows how the product was prepared and the catalyst that has been used:



Characterization:

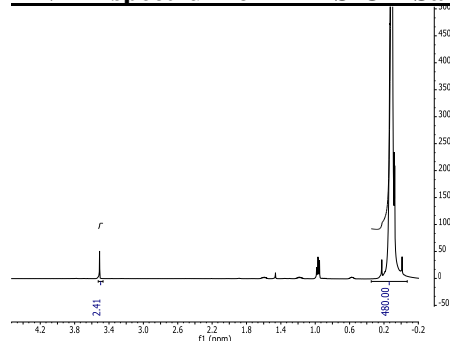
The product was characterized by size exclusion chromatography (SEC) and ¹H NMR data analysis.

Purification:

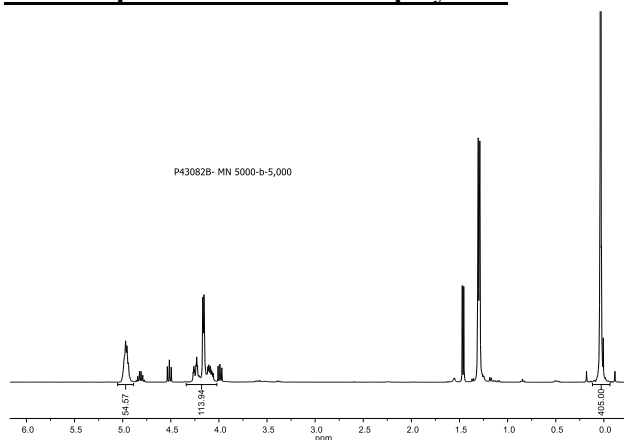
Product was purified to remove:

1. Homopolydimethylsiloxane if any
 2. Homopoly propylene carbonate
- Using solvent /non solvent mixture and the purification followed by SEC profile.

HNMR spectrum of PDMS-OH Sample:



HNMR spectrum of Diblock copolymer:



SEC profile of the Sample:

