

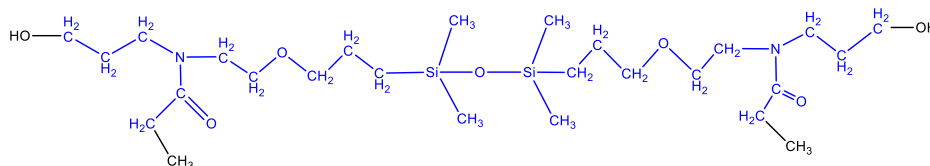
# Product Profile

## Identification

**Product Name:** Poly(2-Ethyl-2-Oxazine)-b-poly(dimethyl siloxane)-b-poly(2-Ethyl-2-Oxazine)

**Product Lot Number:** P45067A-EOZDMSEOZ

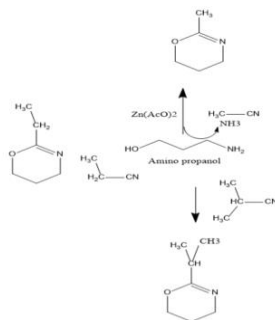
**Product Chemical Architecture:**



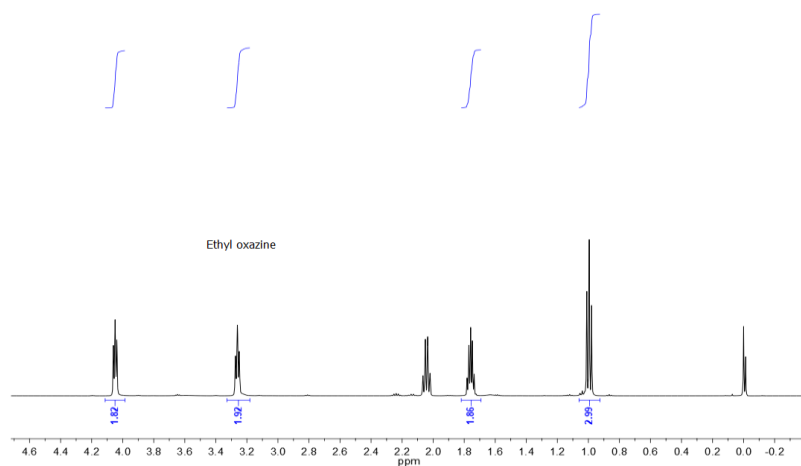
**Composition:**

Mn x 10 <sup>3</sup>	Mw/Mn (PDI)	Dp of each block: A-B or ABA from <sup>1</sup> H NMR
0.3-b-5.0-b-0.3	1.3	3-b-65-b-3

## Method of Synthesis



## HNMR of Monomer 2-ethyl-2 Oxazine:



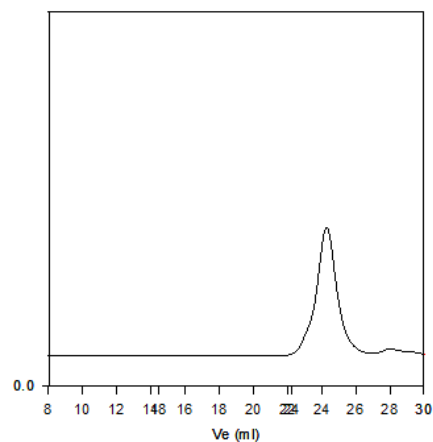
## Solubility in different solvents

THF			
CHCl <sub>3</sub>		CHCl <sub>3</sub>	
Toluene-Hot			

## Validation of Architecture:

### A. Gel Permeation Chromatography (GPC), SEC- Profile

P45067-EOXZ\_DMS\_EOXZ



Size exclusion chromatography of the polymer.

