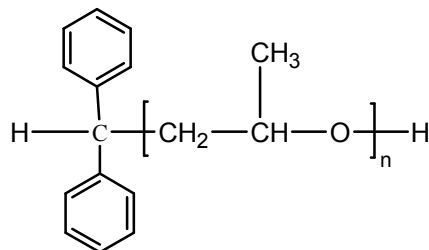


Sample Name: Polypropylene oxide

Sample #: P789-POOH2

Structure:

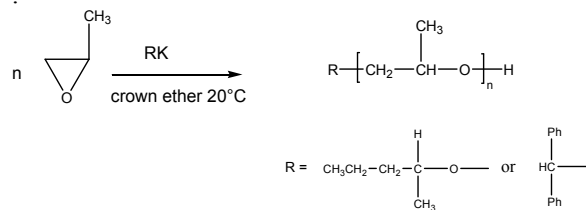


Composition:

$M_n \times 10^3$	PDI
3.0	1.07

Synthesis Procedure:

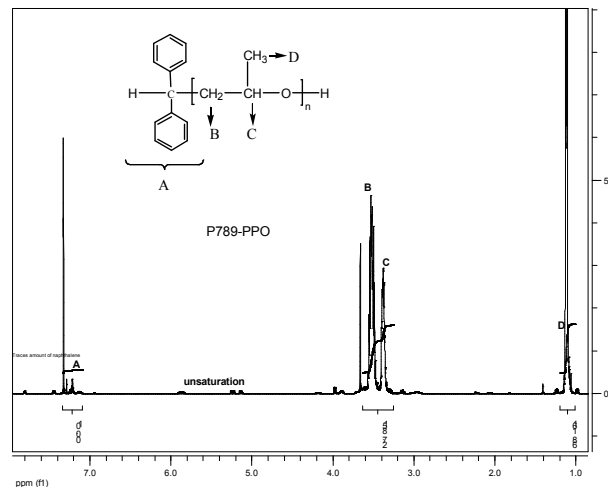
Polypropylene oxide is synthesized by anionic polymerization of propylene oxide as illustrated in the reaction scheme below



Characterization:

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography.

¹H NMR spectra of the Polymer:



SEC of Homopolymer:

P789-POOH (diphenyl end terminated)

