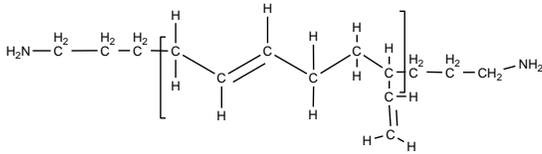


Sample Name: α,ω -Diamino terminated polybutadiene 1, 2- rich microstructure

Sample #: P41364-Bd2NH2

Structure:



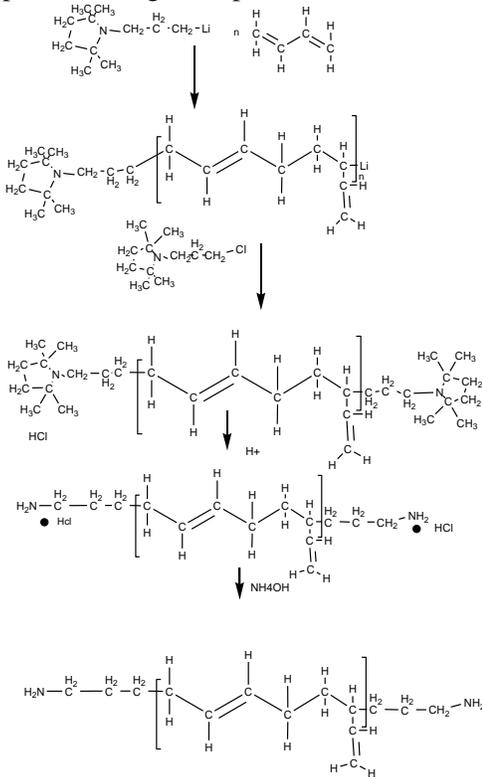
Composition:

Mn x 10 ³	PDI
9.0	1.3

Functionality	>90%
T _g	-45°C
1,2 addition	74%

Synthesis Procedure:

The polymer was prepared by anionic polymerization process using NH2 protected initiator.



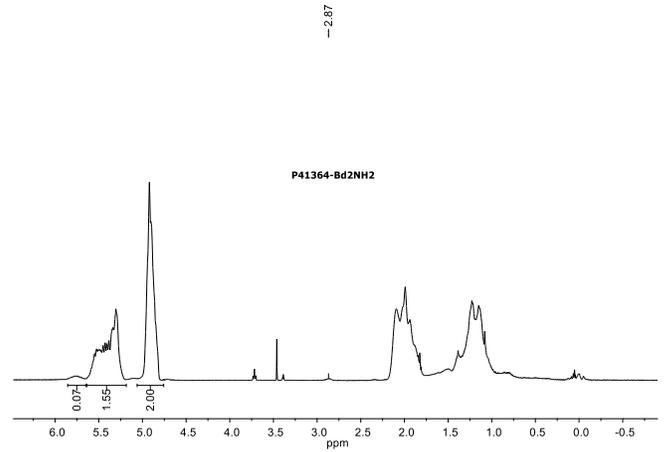
Characterization:

The polymer was characterized by SEC and ¹H NMR.

Functionality:

The functionality of polymer was determined by the titration with HClO₄ using crystal violet as the indicator.

HNMR spectrum of Bd2NH2 Sample:



SEC elugram of the Sample:

