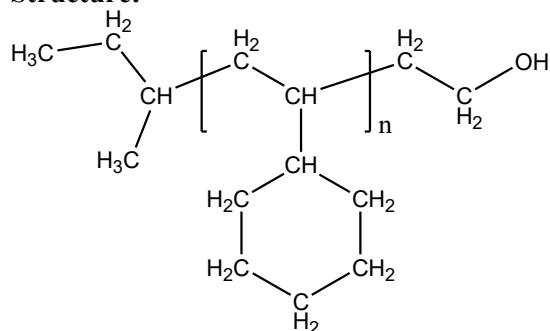


Sample Name:
Oligo(vinyl cyclohexane), ω-hydroxy-terminated

Sample #: P45636E-VCHOH

Structure:



Composition: Dp: 9

Mn x 10 ³	PDI
0.9	1.13
% unsaturation on Benzene rings	<5%

Synthesis Procedure:

ω-Hydroxy Terminated Poly cyclohexyl ethylene was prepared by Hydrogenation of OH terminated Polystyrene .

Characterization:

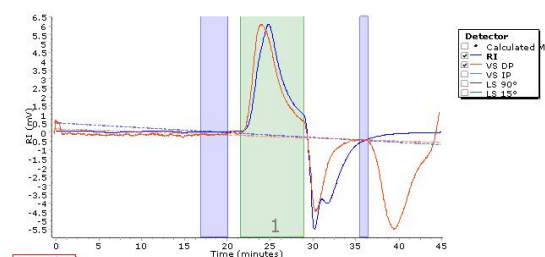
The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

Solubility:

Polymer is soluble in toluene, THF, CHCl₃ and can be precipitated in water and cold methanol.

SEC elugram of the Sample:

chromatogram Plot



Mn of the polymer by HNMR

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mo (g/mol)	PD
pk1	1213	1008	1138	1262	1374	1211	1.13

¹H NMR spectrum of the Polymer:

