

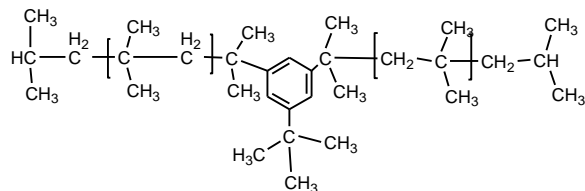
Sample Name: Polyisobutylene

SEC profile of the Sample:

P41121-IB

Sample #: P41121-IB

Structure:

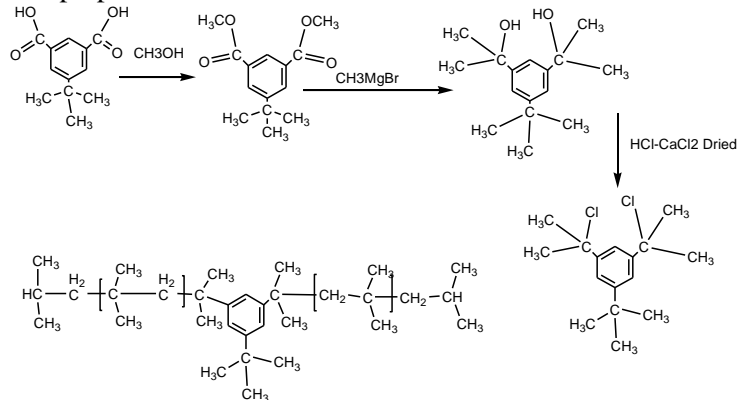


Composition:

Mn x 10 ³	PDI
2.5	1.4

Synthesis Procedure:

The following reaction scheme shows how the product was prepared:



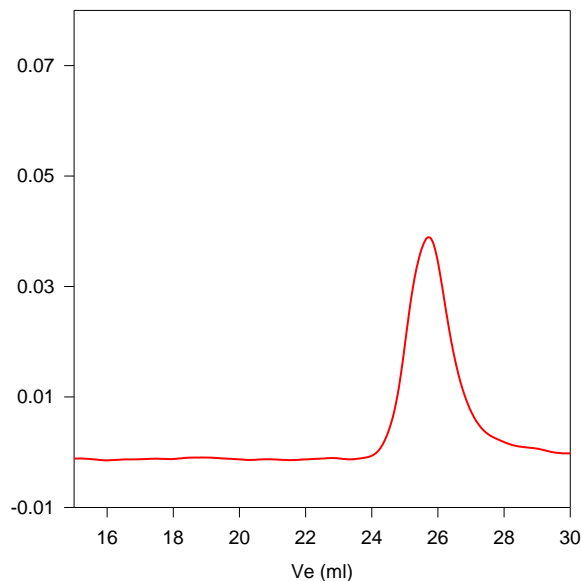
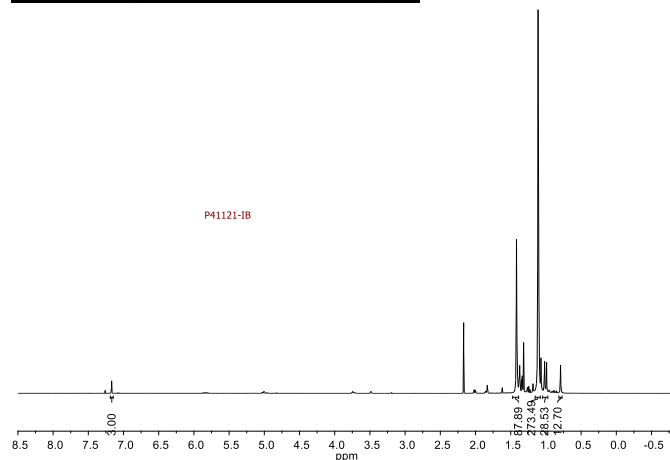
Characterization:

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

Solubility:

The polymer is soluble in THF, CHCl₃, toluene, hexane.

H NMR spectrum of the sample:



Size exclusion chromatography of di allyl end terminated polyisobutylene:

M_n=2,500, M_w=3,500, M_w/M_n=1.4