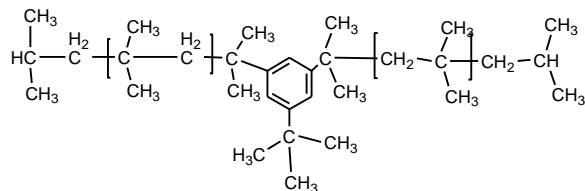


Sample Name: Polyisobutylene

Sample #: P41352-1b

Structure:

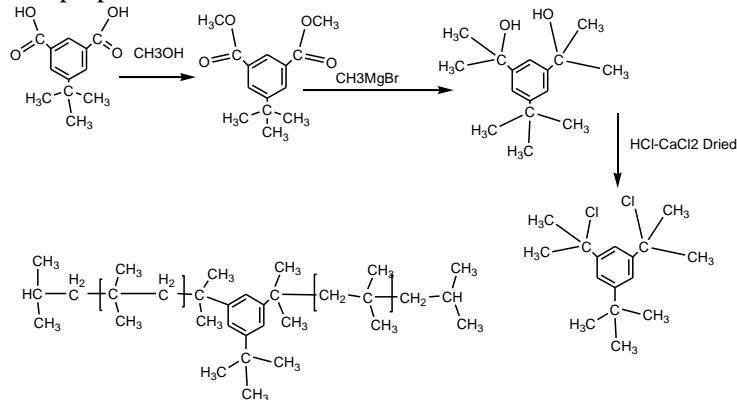


Composition:

Mn x 10 ³	PDI
3.5	1.3

Synthesis Procedure:

The following reaction scheme shows how the product was prepared:



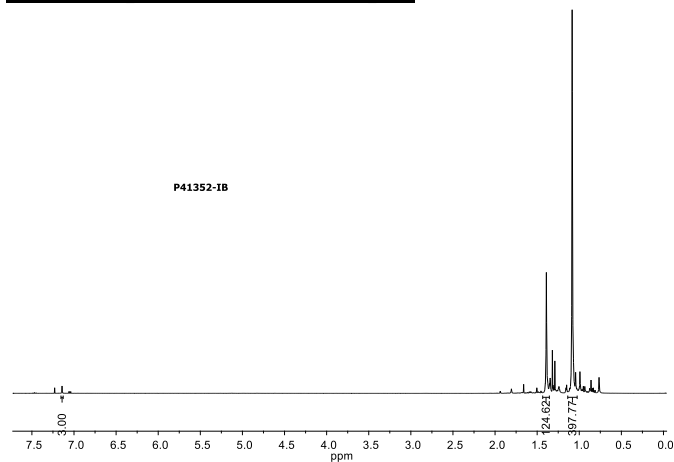
Characterization:

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

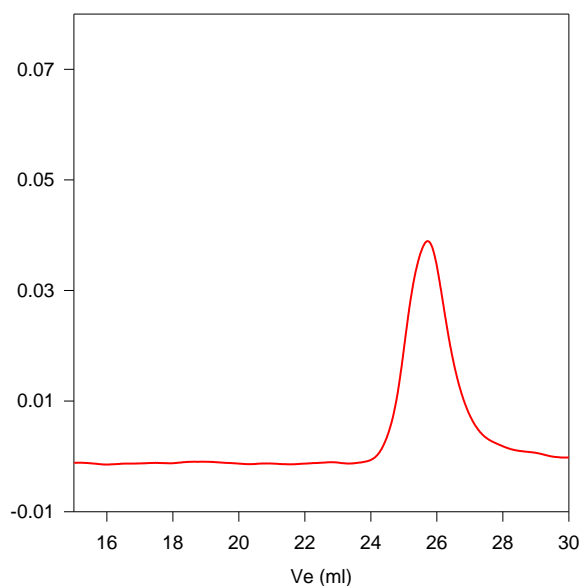
Solubility:

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

H NMR spectrum of the sample:



SEC profile of the Sample:



Size exclusion chromatography of di allyl end terminated polyisobutylene:

M_n=3,500, M_w=4,500, M_w/M_n=1.3