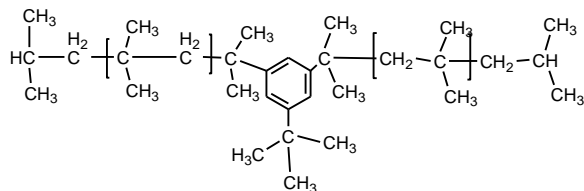


Sample Name: Polyisobutylene

Sample #: P41351-IB

Structure:

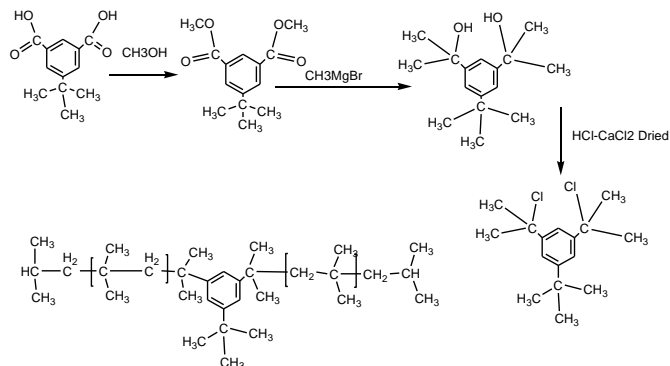


Composition:

Mn x 10 ³	PDI
3.5	1.3

Synthesis Procedure:

The following reaction scheme shows how the product was prepared:



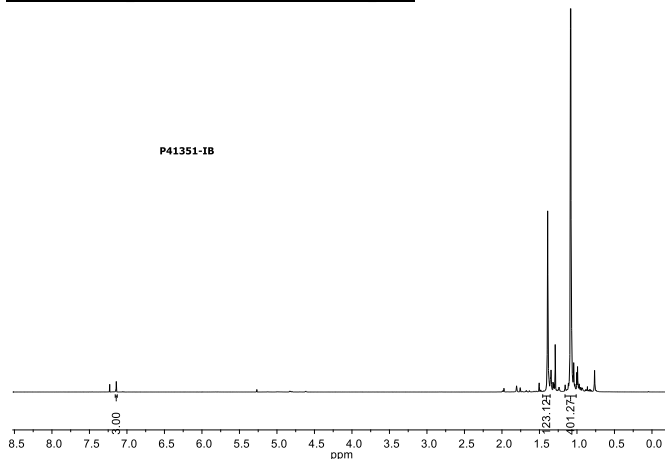
Characterization:

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

Solubility:

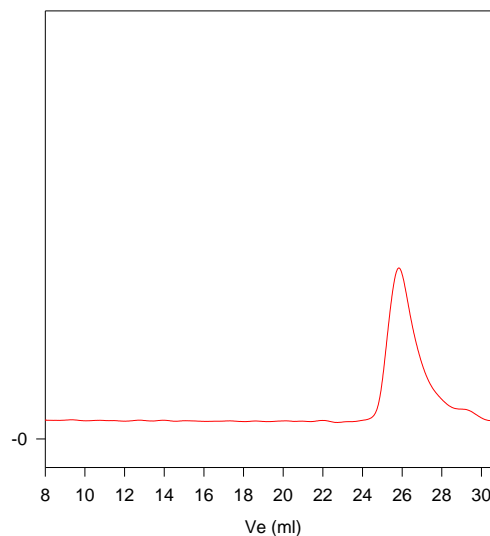
The polymer is soluble in THF, CHCl₃, toluene, hexane.

H NMR spectrum of the sample:



SEC profile of the Sample:

P41351-IB



Size Exclusion Chromatogram of Polyisobutylene:

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