

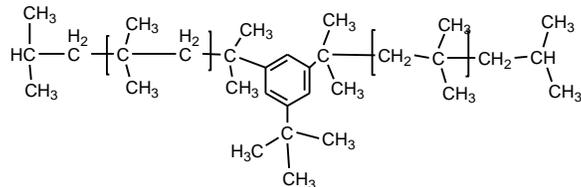
Sample Name: Polyisobutylene

SEC profile of the Sample:

P41121-IB

Sample #: P41121-IB

Structure:

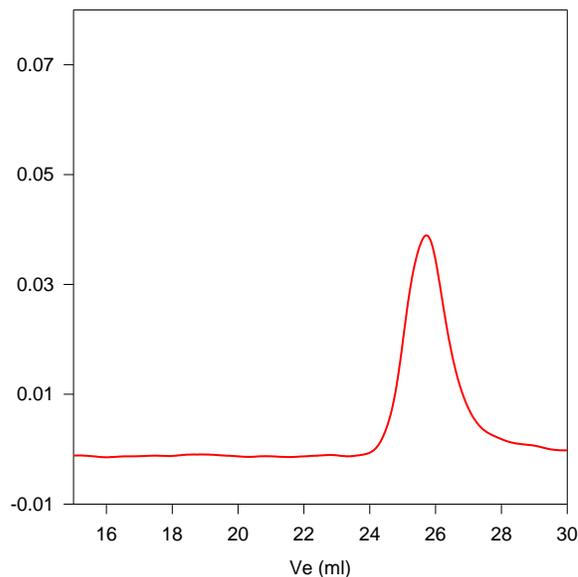
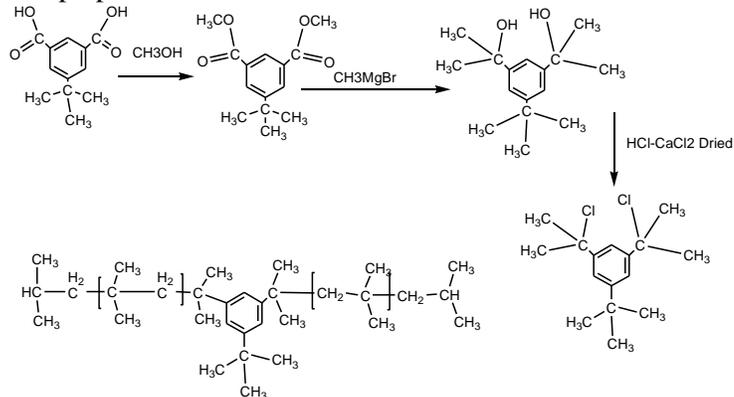


Composition:

Mn x 10 <sup>3</sup>	PDI
2.5	1.4

Synthesis Procedure:

The following reaction scheme shows how the product was prepared:



Size exclusion chromatography of di allyl end terminated polyisobutylene:

M<sub>n</sub>=2,500, M<sub>w</sub>=3,500, M<sub>w</sub>/M<sub>n</sub>=1.4

Characterization:

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

Solubility:

The polymer is soluble in THF, CHCl<sub>3</sub>, toluene, hexane.

H NMR spectrum of the sample:

