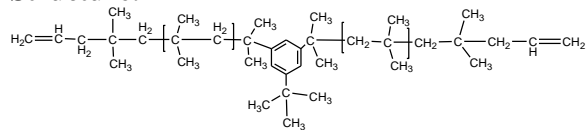


Sample Name:

α,ω -Di Allyl end terminated Polyisobutylene

Sample #: P41376-IB2Allyl

Structure:

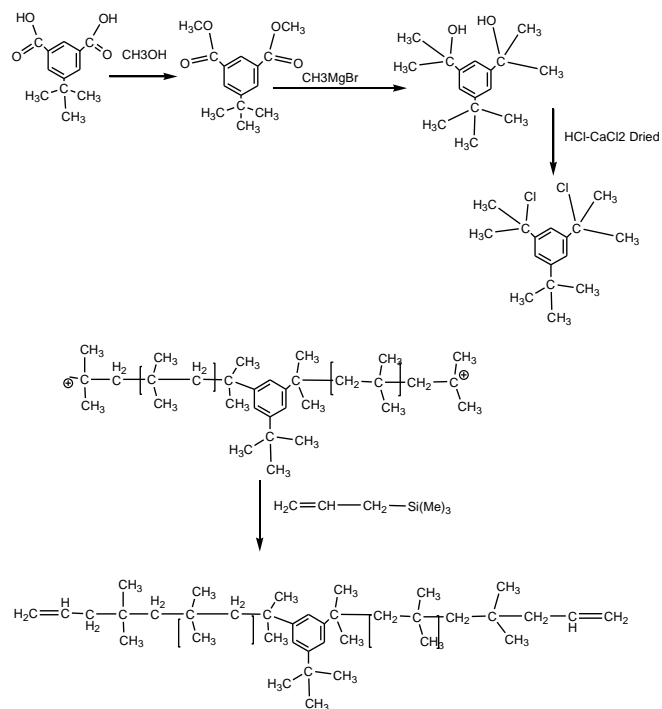


Composition:

Mn x 10 ³	PDI
5.0	1.3
Functionality	70%

Synthesis Procedure:

Allyl terminated polyisobutylene was prepared by cationic living polymerization of isobutylene:



Characterization:

The molecular weight and polydispersity index of this polymer were determined by HNMR.

Functionality:

The polymer's functionality was determined by ^1H -NMR spectroscopy.

Solubility:

The polymer is soluble in THF, CHCl_3 , toluene, hexane.

H NMR spectrum of the sample:

