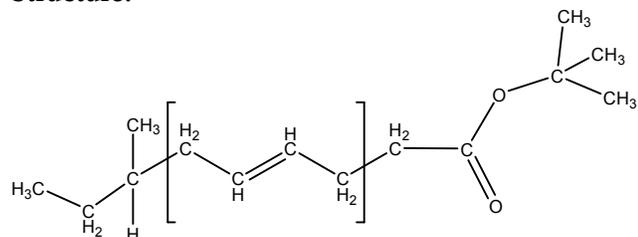


Sample Name: Tert.butylacetate Terminated Polybutadiene, 1, 4-microstructure

Sample #: P19269-BdtBuAc

Structure:



Composition:

Mn x 10 ³	PDI
1.9	1.02
1,4 microstructure	62%
End group functionality	>98%

Synthesis Procedure:

By anionic Process.

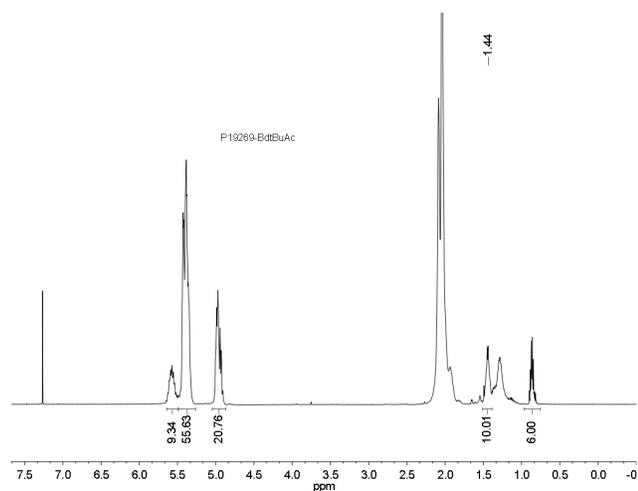
Characterization:

By Titration, HNMR and by GPC analysis

Solubility:

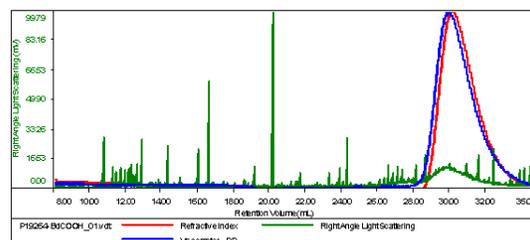
Tert.butylacetate Terminated Polybutadiene is soluble in toluene, hexane, cyclohexane and CHCl₃.

HNMR of Sample:



SEC of Sample:

Concentration (mg/mL)	6.6739
Sample conc: (mL/g)	0.1670
Method File	PS804-April29-2015-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	MW Number Average (Da)	MW Weight Average (Da)	MW at Peak (Da)	Polydispersi	Intrinsic Viscosity (dL/g)
BdtOOCH_01.vct	1,974	2,020	1,965	1.023	0.4351