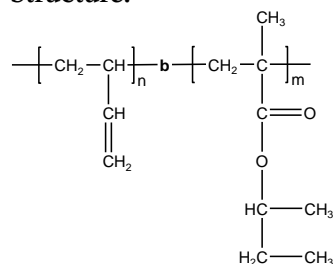


Sample Name: Poly(1,2-butadiene-b-s-butyl methacrylate)

Sample #: P18498-BdsBuMA

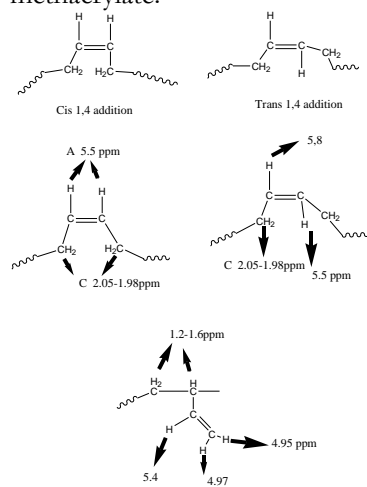
Structure:



Composition:

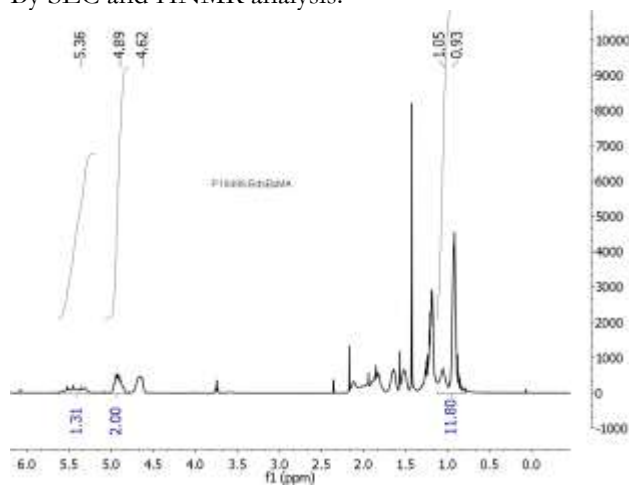
Mn x 10 ³ Bd-b-sBuMA	Mw/Mn (PDI)
90.0-b-487.0	1.18
T _g for Bd block: -11°C	T _g for sBuMA block: 74°C

Synthesis Procedure: Poly(1,2-butadiene-b-s-butyl methacrylate) is prepared by living anionic polymerization with sequence addition of butadiene followed by sec butyl methacrylate.



Characterization:

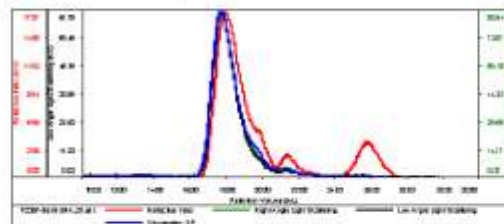
By SEC and HNMR analysis:



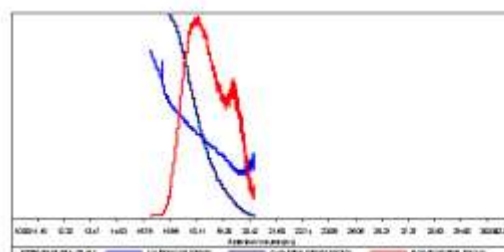
SEC profile of the block copolymer

Sample ID: P18498-BdSec BuMA

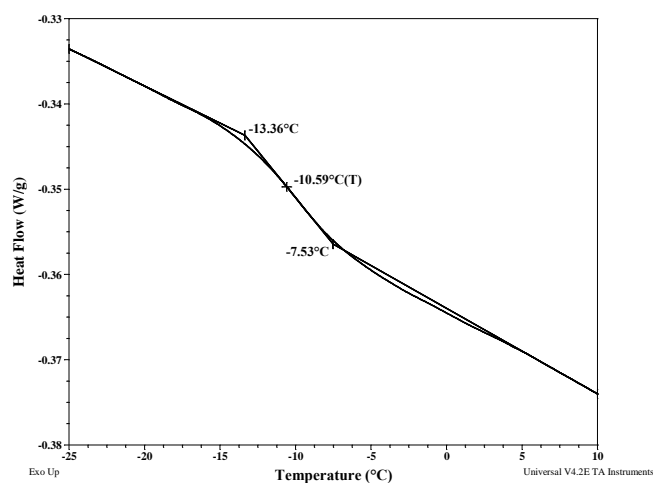
Concentration (mg/mL)	0.0074
Sample divide (mL/g)	0.0050
Method File	P-5000-F4016-2014-0000.vim
Column Set	3x PL 5113-0300
System	System 1



Sample	Mn	Mw	Mw/Mn	PDI
BdsBuMA_01.vcl	577,326	681,402	794,679	1.179



DSC thermogram for Bd block:



DSC thermogram for sBuMA block:

