

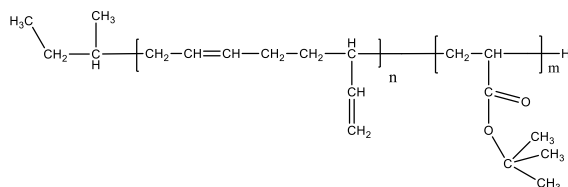
Product Profile

Identification

Product Name: Poly(1,2-butadiene)-b-poly(tert-butyl acrylate)

Sample #: P45257-BdtBuA

Structure:



Composition:

Mn x 10 ³ PBd-b-PtBuA	PDI
81.0-b-7.0	1.28
1,2 Addition :90%	

Method of Synthesis: By anionic process

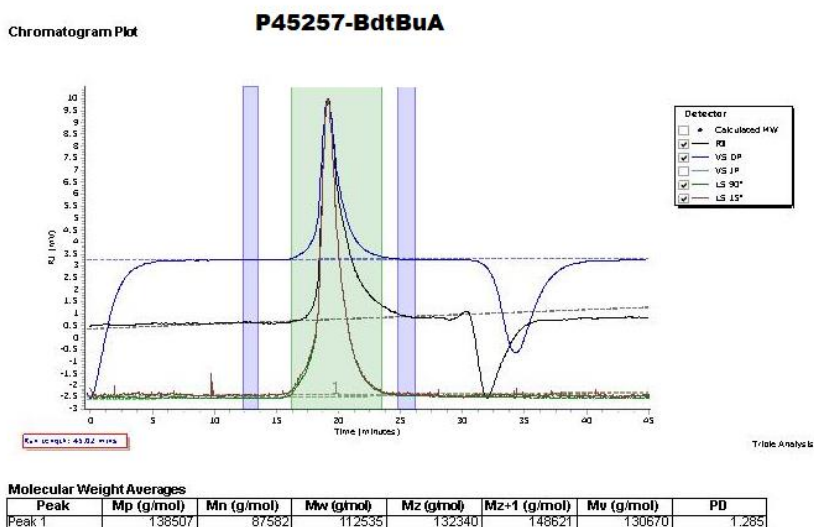
Solubility in different solvents

THF	√		
CHCl ₃	√		
Toluene-Hot	√		

Purification of Polymer: To remove any traces of homo polybutadiene using acetone-Hexane

Validation of Architecture

A. Gel Permeation Chromatography (GPC), SEC- Profile



B. NMR (HNMR) of polymer:

