

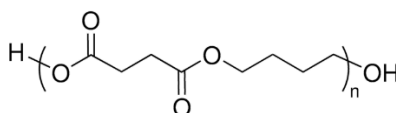
Product Profile

Identification

Product Name: Poly(Butylene succinate)

Product Lot Number: P45358-PBS

Product Chemical Architecture:



Composition

Mn (g/mole)	80,000
Mw	206,000
Mw/Mn	2.6
Tm	115 °C

Method of Synthesis: The polymer is synthesized by melt condensation process.

Solubility in different solvents:

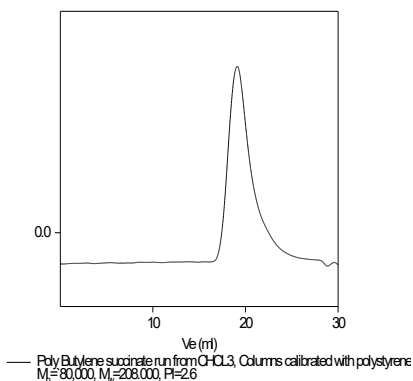
THF	√		
Alcohol	×	CHCl₃	√
Toluene-Hot	×		

Validation of architecture

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

Molecular weights were determined by Agilent Technologie 1260 Infinity II GPC/SEC (RI) and three columns (PLgel, 7.5x300 mm, 5µm-10µm, 10⁵-10⁶Å). CHCl₃. The flow rate was 1.0 ml/min.

P45358-B5



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B. HNMR run in CdCl₃:

