

Product Profile

Identification

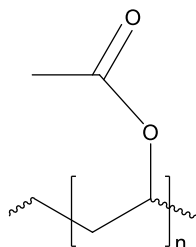
Product Name: Poly(vinyl acetate)

Product Lot Number: P44609D-VAC

Linear Formula: $[\text{CH}_2\text{CH}(\text{O}_2\text{CCH}_3)]_n$

CAS: 9003-20-7

Product Chemical Architecture:



Composition:

Mn x 10 ³	Mw/Mn (PDI)	dn/dc in THF/((Et)3N)
4.0	1.23	0.048 ml/g

Method of Synthesis: Polymer obtained by Free radical process followed by fractionation

Solubility in different solvents

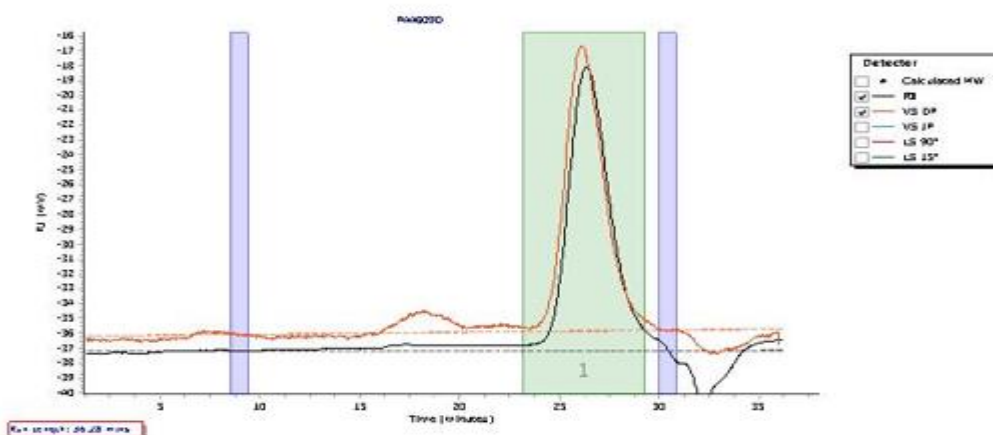
THF	√
CHCl ₃	√
CHCl ₃	√

Validation of Architecture:

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

P44609D

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	5305	4309	5317	6527	8104	6036	1.234

B. HNMR run in CdCl₃

