

Product Profile

Identification

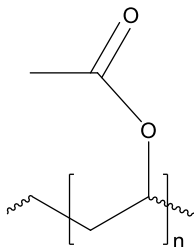
Product Name: Poly(vinyl acetate)

Product Lot Number: P44595B-VAC

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

CAS: 9003-20-7

Product Chemical Architecture:



Composition:

$M_n \times 10^3$	M_w/M_n (PDI)	dn/dc in THF/((Et)3N)
21.0	1.35	0.048 ml/g
Microstructure of Polymer by ^1H NMR		

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

solubility in different solvents

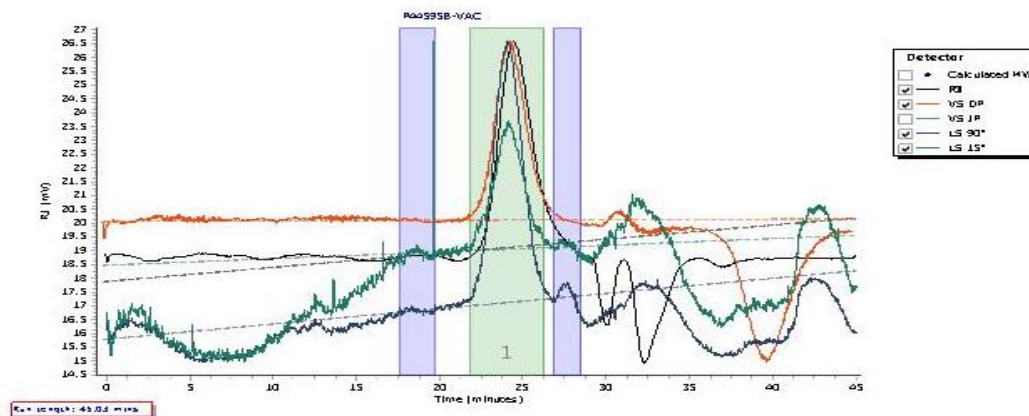
THF	✓		
CHCl ₃	✓	CHCl ₃	✓

Validation of Architecture:

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

P44595B-VAC

Chromatogram Plot



Molecular Weight Averages

Peak	M_p (g/mol)	M_n (g/mol)	M_w (g/mol)	M_z (g/mol)	M_{z+1} (g/mol)	M_v (g/mol)	PD
Peak 1	26334	21097	28878	38456	48588	36839	1.369

B. HNMR Spectrum run in CdCl₃

