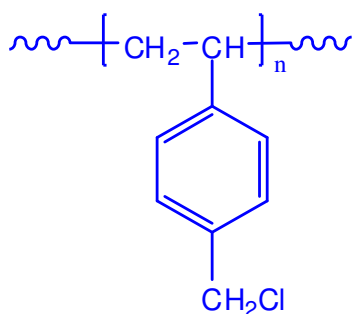


Sample Name: Poly(4-vinyl benzyl chloride)

Sample # P18404A-VBC

Structure:



Composition:

$M_n \times 10^3$	PDI
4.8	1.2

Synthesis Procedure:

Poly(vinyl benzyl chloride) was obtained by controlled radical polymerization of 4-vinyl benzyl chloride (over 90%).

Characterization:

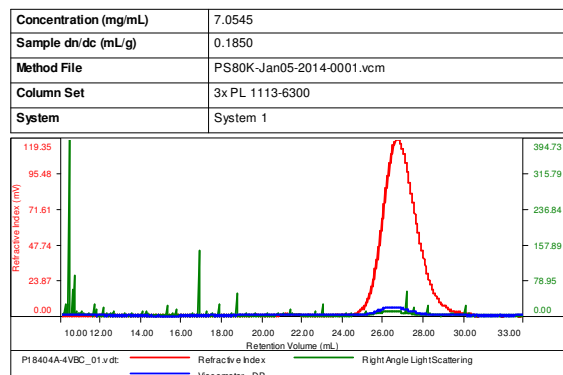
The molecular weight and polydispersity index (PDI) of poly(vinyl benzyl chloride) were obtained by size exclusion chromatography (SEC).

Solubility:

The polymer is soluble in DMF, THF, toluene, and chloroform. It precipitates from methanol, ethanol, water, and hexane.

SEC elugram:

Sample ID: P18404A-4VBC



Sample	$M_n$	$M_w$	$M_p$	$M_w/M_n$	IV
P18404A-4VBC_01.vdt	4,771	5,710	5,319	1.197	0.0578

